1. The agony in the garden

They went to a place called Gethsemane; and he said to his disciples, 'Sit here while I pray.' He took with him Peter and James and John.

Mark 14:32–36

2. Jesus is betrayed and arrested

Judas… arrived; and with him there was a crowd with swords and clubs… He went up to [Jesus] at once and said, 'Rabbi!' and kissed him. Then they laid hands on him and arrested him.

Mark 14:43–46

3. Jesus is condemned by the Sanhedrin

The chief priests… [wanted witness statements] against Jesus to put him to death; but they found none. Some [lied] against him… All of them condemned him as deserving death.

Mark 14:55–64

4. Peter denies Jesus

[They] said to Peter, 'Surely you are one of Jesus' followers.' He swore to them, 'I don't know this man you're talking about.' Immediately the cock crowed the second time. Peter remembered the words Jesus had spoken, 'Before the cock crows twice you will disown me three times.' And he wept.

Mark 14:66–72

5. Jesus judged by Pilate

Pilate asked them, 'What evil has he done?' But they shouted all the more, 'Crucify him!' So Pilate, wishing to satisfy the crowd, released Barabbas for them; and after flogging Jesus, he handed him over to be crucified.

Mark 15:14–15

6. Jesus is whipped and crowned with thorns

They clothed him in a purple cloak; and after twisting some thorns into a crown, they put it on him. They said, 'Hail, King of the Jews!' They struck his head, spat upon him and knelt down… to him.

Mark 15:17–19

7. Jesus carries his cross

After mocking him, they stripped him of the purple cloak and put his own clothes on him. Then they led him out to crucify him.

Mark 15:20

8. Simon helps Jesus to carry the cross

They forced a passer-by… to carry his cross; it was Simon of Cyrene.

Mark 15:21

9. Jesus meets the women of Jerusalem

A great number of the people followed him, and among them were women...

But Jesus turned to them and said, 'Daughters of Jerusalem, do not weep for me, but weep for yourselves and for your children.'

Luke 23:27–31

10. Jesus is crucified

And they crucified him, and divided his clothes among them, casting lots to decide what each should take.

Mark 15:24

11. Jesus promises heaven to the thief who says sorry

One of the criminals who hung there, hurled insults at him but the other criminal said, 'this man has done nothing wrong.'

Jesus answered him, 'Today you will be with me in paradise.'

Luke 23:39–43

12. Jesus on the cross, talks to Mary and his friend

When Jesus saw his mother and his disciple, he said to his mother, 'Here is your son' and to the disciple, 'Here is your mother.'

John 19:26–27

13. Jesus dies on the cross

At three o'clock Jesus cried out with a loud voice,

'My God, my God, why have you forsaken me?' … Then Jesus gave a loud cry and breathed his last.

Mark 15:34–37

14. Jesus is laid in the tomb

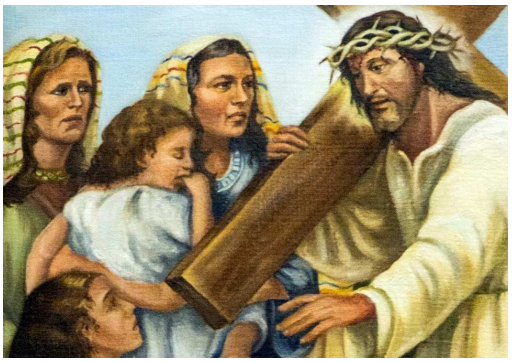
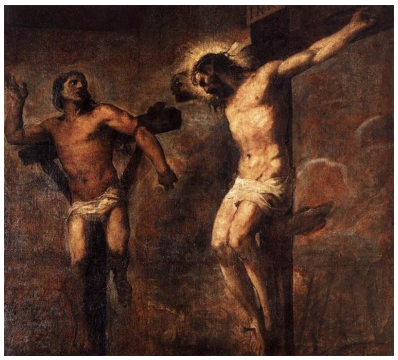
Then Joseph, taking down the body, wrapped it in linen cloth, and laid it in a tomb that had been [cut] out of the rock. He then rolled a stone against the door of the tomb.

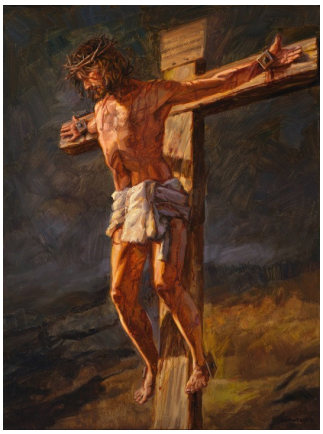
Mark 15:46

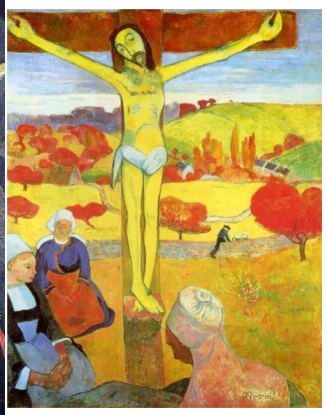
15. Jesus rises from the dead

They saw that the stone had already been rolled back. As they entered the tomb, they saw a young man… he said to them, 'Jesus of Nazareth… has been raised; he is not here. Look, there is the place they laid him.

Mark 16:4–8

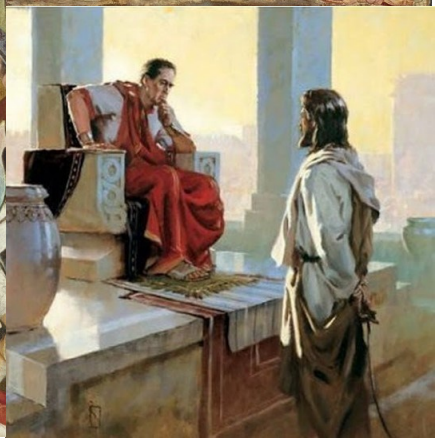













Create a Timeline for the Life of Jesus - his timeline in years 0-33

0	is born
1	
2	
3	
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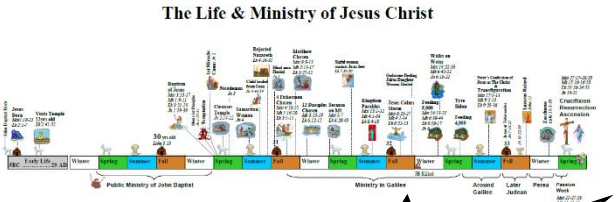


Use information from **this timeline sheet** (see larger picture) to put each of **these events** in the correct year of Jesus' life (0-33 years old)

Either write on **or** cut and stick

- baptised
- visits the temple
- calms the storm
- raises Lazarus from the dead
- feeds 5000 people
- he is crucified
- walks on water
- is born
- 1st miracle water into wine at Cana
- resurrected (comes back to life)
- tells followers lots of parables
- chooses 12 disciples
- goes up into heaven (ascension)
- tempted in wilderness
- tells fishermen to follow him

You will find some bits will be a bit squashed up because most events we know about happened in the last 3 years of his life!

The Life & Ministry of Jesus Christ

John Baptist Born

Jesus Born
Mat1:18-25
Lk 2:1-7

Visits Temple 12yrs old
Lk 2:41-52

Baptism of Jesus
Mat 3:13-17
Mk 1:9-11
Lk 3:21-23
Jn 1:29-39

Meets 1st Disciples
Jn 1:35-51

Temptation

30 yrs old
Luke 3:23

1st Miracle Cana: *Jn 2*

Nicodemus
Jn 3

Cleanses Temple
Jn 2:14-22

Samaritan Woman
Jn 4

Rejected Nazareth
Lk 4:16-31

Child healed from Cana
Jn 4:46-54

Blind man Healed
Jn 5

Matthew Chosen
Mat 9:9-13
Mk 2:13-17
Lk 5:27-32

4 Fishermen Chosen
Mat 4:18-22
Mk 1:16-20
Lk 5:1-11

31

12 Disciples Chosen
Mk 3:13-19
Lk 6:12-15

Sermon on Mt
Mat 5-7
Lk 6:20-49

Sinful woman anoints Jesus feet
Lk 7:36-50

Kingdom Parables
Mat 13:1-52
Mk 4:1-34
Lk 8:4-18

Gadarene Healing
Jairus Daughter
Woman Healed

Jesus Calms Storm
Mat 8:23-27
Mk 4:1-34
Lk 8:22-25

32

Walks on Water
Mat 14:22-33
Mk 6:45-52
Jn 6:16-21

Feeding 5,000
Mat 14:13-21
Mk 6:30-44
Lk 9:10-17
Jn 6

Tyre Sidon

Feeding 4,000

Peter's Confession of Jesus as The Christ & Transfiguration
Mat 17:1-13
Mk 9:2-13
Lk 9:28-36

Jesus at Tabernacles
Jn 7-10:21

33

Jn 10:22-39

Lazarus Raised
John 11

Zacchaeus
Luke 19:1-10

Mat 27:27-28:20
Mk 15:16-16:20
Lk 23:26-24:53
Jn 19-21

Crucifixion
Resurrection
Ascension

Early Life
5BC ……29 AD

Winter | Spring | Summer | Fall | Winter | Spring | Summer | Fall | Winter | Spring | Summer | Fall | Winter | Spring | Summer | Fall | Winter | Spring

JB Killed

Public Ministry of John Baptist

Ministry in Galilee

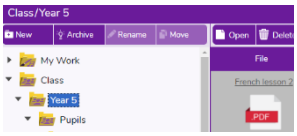
Around Galilee

Later Judean

Perea

Passion Week
Mat 21-27:26
Mk 11-15:15
Lk19:29-23:25
Jn 12-18

French Lockdown 3 **Fruit Salad cost** **Name:** **Date:**



You need the printed worksheet. Go to Purple Mash - Year 5 Work folder - load Lesson 3 - click on 'Click here to start the lesson'.

Click Here to start the lesson

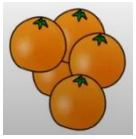
Whenever she says the name of something in French - I want you to that word (répétez) and **make it good mimicry**!

ananas
abricots
une salade
tomates
poires
bananes
concombres
cerises
une pastèque
kiwis
carottes
oranges
pommes de terre
oignons

Pause at **2:53** |Say words you already know. New words - highlight or underline
Put a **star** next to any words which are also **cognate** (look like the English words)

Write in your answers (**in numbers**) here at 12mins: use Euro symbol

_____



_____

C'est combien……..? *How much is…?*

1 2 3 4 5

5 items in a fruit salad. You need to ask how much it is (in French) and give the answer (in French) for each item:

1 Q: C'est combien……..?

A: …… coûtent ……Euro……

2 Q: ……..?

A: ……

3 Q: ……?

A: ……

4 Q: ……..?

A: ……

5 Q: ……..?

A: ……

Example NOT in a fruit salad:

Q: C'est combien un concombre.

A: Un concombre coûtent 1 Euro 55

Challenge idea: try a number of items - not just one - use French numbers from previous lesson.

Word in brackets tells you how to say it in French

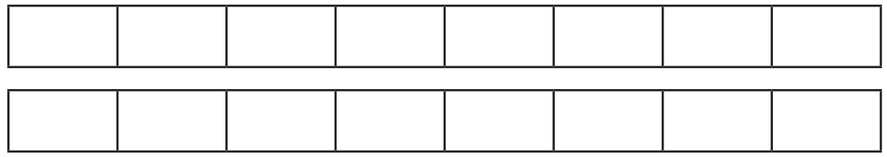
Subtract mixed numbers

Fri 26 Feb

1 Complete the subtractions.

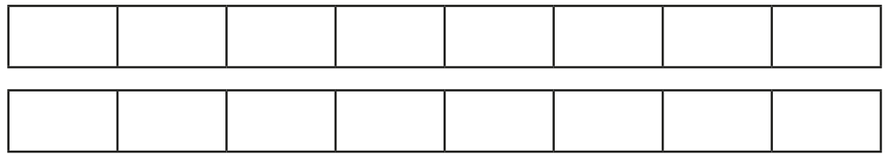
Use the bar models to help you.

a)



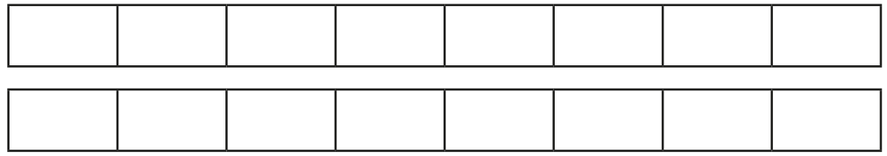
$\frac{15}{8} - \frac{1}{2} = \square$

b)



$1\frac{7}{8} - \frac{3}{4} = \square$

c)

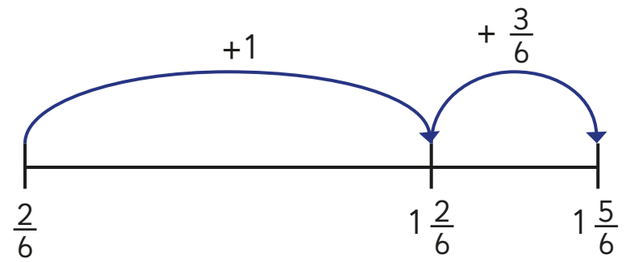


$1\frac{1}{2} - \frac{3}{8} = \square$

2 Dexter and Whitney are using number lines to work out $1\frac{5}{6} - \frac{1}{3}$

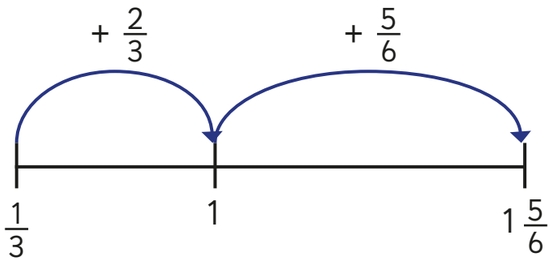
Dexter's method

$\frac{1}{3} = \frac{2}{6}$



$1 + \frac{3}{6} = 1\frac{1}{2}$

Whitney's method



$\frac{2}{3} = \frac{4}{6}$

$\frac{4}{6} + \frac{5}{6} = \frac{9}{6} = 1\frac{1}{2}$

What is the same and what is different about these methods?

Use one of the methods to work out $1\frac{5}{8} - \frac{3}{16}$

$1\frac{5}{8} - \frac{3}{16} = \square$

3 Complete the subtractions.

a) $3\frac{1}{4} - \frac{5}{24} = \square$

b) $3\frac{3}{16} - \frac{1}{8} = \square$

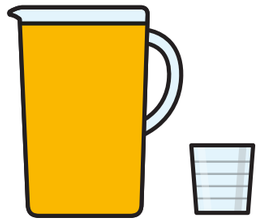
c) $2\frac{5}{6} - \frac{2}{3} = \square$

d) $7\frac{5}{6} - \frac{13}{24} = \square$

e) $4\frac{4}{9} - \frac{4}{27} = \square$

f) $6\frac{11}{12} - \frac{3}{4} = \square$

4 A jug contains $1\frac{3}{5}$ litres of orange juice.



Eva pours $\frac{4}{15}$ litres into a glass.

How much orange juice is left in the jug?

There are $\square$ litres of orange juice left in the jug.

5 Find three different ways to complete the calculation.

$3\frac{\square}{5} - \frac{\square}{20} = 3\frac{1}{20}$

$3\frac{\square}{5} - \frac{\square}{20} = 3\frac{1}{20}$

$3\frac{\square}{5} - \frac{\square}{20} = 3\frac{1}{20}$

Are there any other ways to complete this calculation?

6 Three children take part in throwing competitions.

Here is the table of results.

	Javelin	Shot Put	Discus
Dexter	$15\frac{1}{4}$ m	$7\frac{5}{12}$ m	
Amir	$13\frac{3}{8}$ m		$12\frac{7}{8}$ m
Annie		9 m	$11\frac{5}{12}$ m

Use the clues to complete the table.

- Annie's javelin throw is $\frac{11}{12}$ m less than Dexter's.
- Amir's shot put throw is $\frac{3}{4}$ m less than Annie's.
- Dexter's discus throw is $\frac{1}{2}$ m less than Amir's

Add fractions

Mon 22 Feb

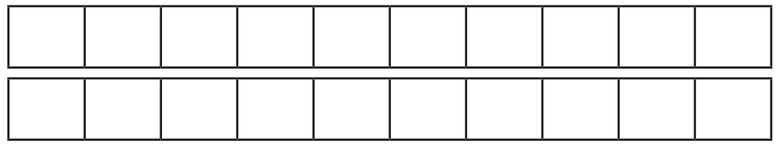
1 Complete the calculations.

Use the bar models to help you.

a)

$\frac{1}{2} + \frac{7}{10} = \square = \square$

b)



$\frac{1}{2} + \frac{3}{10} + \frac{1}{5} = \square = \square$

c)

$\frac{2}{3} + \frac{5}{6} + \frac{1}{12} = \square = \square$

2 Complete the additions.

a) $\frac{4}{5} + \frac{7}{20} = \square = \square$

b) $\frac{5}{4} + \frac{7}{20} = \square = \square$

c) $\frac{3}{4} + \frac{5}{12} = \square = \square$

d) $\frac{4}{3} + \frac{5}{12} = \square = \square$

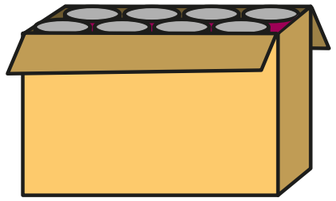
e) $\frac{3}{5} + \frac{11}{15} = \square = \square$

f) $\frac{5}{3} + \frac{11}{15} = \square = \square$

3 Match the additions that have the same answer.

$\frac{3}{5} + \frac{9}{20}$	$\frac{16}{20} + \frac{9}{20}$
$\frac{3}{4} + \frac{9}{20}$	$\frac{12}{20} + \frac{9}{20}$
$\frac{4}{5} + \frac{9}{20}$	$\frac{14}{20} + \frac{9}{20}$
$\frac{7}{10} + \frac{9}{20}$	$\frac{15}{20} + \frac{9}{20}$

4 Dexter has some tins of food. There are four types of food: beans, sweetcorn, soup and tomatoes.



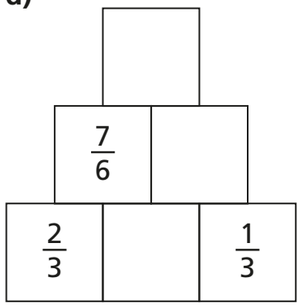
- The total weight of all the tins is 2 kg.
- The tins of beans weigh $\frac{2}{3}$ kg.
- The tins of sweetcorn weigh $\frac{5}{12}$ kg.
- The tins of soup weigh $\frac{1}{4}$ kg.

a) Work out the total weight of the tins of beans, sweetcorn and soup.

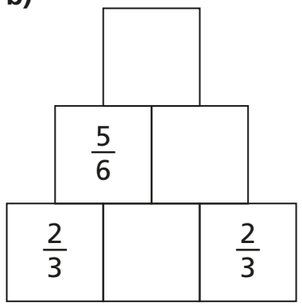
b) How much do the tins of tomatoes weigh?

5 Complete the addition pyramids.

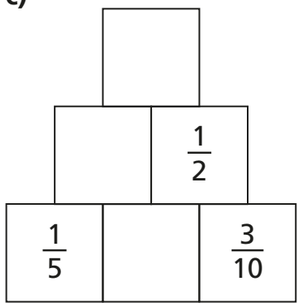
a)



b)



c)



6 What could the three missing numerators be?

$$\frac{\square}{4} + \frac{\square}{12} + \frac{\square}{3} = \frac{13}{12}$$

Give three different possibilities.

$$\frac{\square}{4} + \frac{\square}{12} + \frac{\square}{3} = \frac{13}{12}$$

$$\frac{\square}{4} + \frac{\square}{12} + \frac{\square}{3} = \frac{13}{12}$$

$$\frac{\square}{4} + \frac{\square}{12} + \frac{\square}{3} = \frac{13}{12}$$

Add mixed numbers

Wed 24 Feb

1 Teddy and Mo are adding mixed numbers.

Teddy

$3\frac{1}{4} + 2\frac{5}{8} = 5 + \frac{7}{8} = 5\frac{7}{8}$

$3\frac{1}{4} + 2\frac{5}{8} = \frac{26}{8} + \frac{21}{8} = \frac{47}{8} = 5\frac{7}{8}$

Mo

Whose method do you prefer? _____

Talk about it with a partner.

2 Complete the calculations.

a) $1\frac{2}{5} + 2\frac{3}{10} =$ ☐

b) $2\frac{2}{5} + 2\frac{3}{10} =$ ☐

c) $1\frac{3}{4} + 3\frac{3}{20} =$ ☐

d) $1\frac{3}{16} + 4\frac{3}{4} =$ ☐

e) $4\frac{1}{4} + 2\frac{11}{16} =$ ☐

f) $1\frac{4}{15} + 3\frac{2}{3} =$ ☐

3

$2\frac{3}{5} + 1\frac{7}{10} = 3 + \frac{13}{10} = 3\frac{13}{10}$

How can Ron improve his answer?

_____

_____

4 Complete the additions.

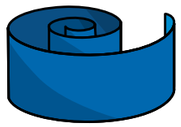
a) $2\frac{3}{4} + 3\frac{5}{12} =$ ☐

b) $3\frac{2}{3} + 2\frac{7}{12} =$ ☐

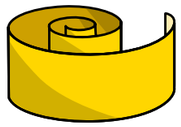
c) $5\frac{1}{6} + 3\frac{11}{12} =$ ☐

d) $6\frac{7}{15} + 3\frac{3}{5} =$ ☐

5 A blue ribbon is $2\frac{4}{9}$ metres long.



A yellow ribbon is $3\frac{2}{3}$ metres long.

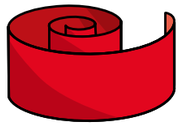


a) What is the total length of the blue and yellow ribbon?

☐ m

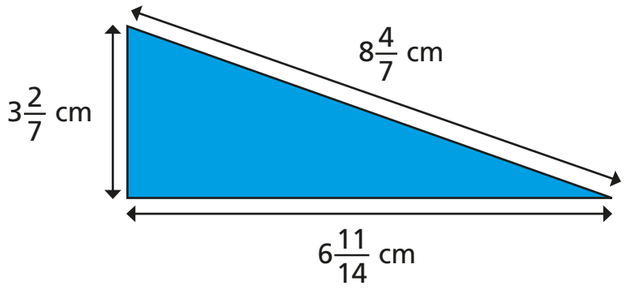
b) A red ribbon is $1\frac{5}{18}$ metres longer than the yellow ribbon.

How long is the red ribbon?



☐ m

6 Calculate the perimeter of the triangle.



☐ cm

7 Complete the calculation in three different ways.

☐ $\frac{\square}{5}$ + ☐ $\frac{\square}{15}$ = $6 + \frac{11}{15}$ = ☐

☐ $\frac{\square}{5}$ + ☐ $\frac{\square}{15}$ = $6 + \frac{11}{15}$ = ☐

☐ $\frac{\square}{5}$ + ☐ $\frac{\square}{15}$ = $6 + \frac{11}{15}$ = ☐

Compare answers with a partner.

8 Here are some number cards.

$3\frac{1}{6}$	$2\frac{11}{12}$	$2\frac{5}{6}$	$3\frac{5}{6}$	$4\frac{1}{12}$	$4\frac{1}{3}$

a) What is the greatest total you can make with two cards?

☐

b) What is the smallest total you can make with two cards?

☐

Subtract fractions

Thur 25 Feb

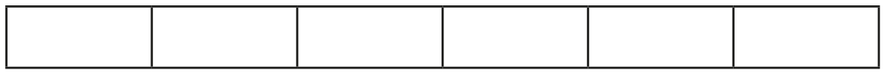
1 Complete the subtractions.

Use the bar models to help you.

a)

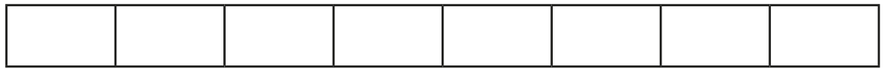
$\frac{5}{6} - \frac{1}{2} =$ ☐

b)



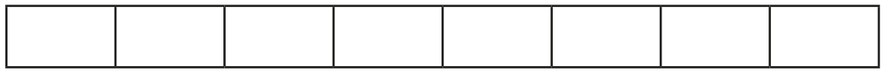
$\frac{5}{6} - \frac{1}{3} =$ ☐

c)



$\frac{7}{8} - \frac{3}{4} =$ ☐

d)



$\frac{1}{2} - \frac{3}{8} =$ ☐

2 Match the equivalent calculations.

$\frac{3}{4} - \frac{3}{20}$	$\frac{10}{20} - \frac{3}{20}$
$\frac{4}{5} - \frac{3}{20}$	$\frac{16}{20} - \frac{3}{20}$
$\frac{7}{10} - \frac{3}{20}$	$\frac{15}{20} - \frac{3}{20}$
$\frac{1}{2} - \frac{3}{20}$	$\frac{14}{20} - \frac{3}{20}$

3 Jack walks $\frac{7}{9}$ km to school.

Aisha walks $\frac{2}{3}$ km to school.

How much further does Jack walk than Aisha?

Jack walks ☐ km further than Aisha.

4 Complete the subtractions.

a) $\frac{7}{8} - \frac{1}{16} = \square$

$\frac{5}{8} - \frac{1}{16} = \square$

$\frac{3}{8} - \frac{1}{16} = \square$

$\frac{1}{8} - \frac{1}{16} = \square$

b) $\frac{6}{7} - \frac{2}{21} = \square$

$\frac{5}{7} - \frac{4}{21} = \square$

$\frac{4}{7} - \frac{6}{21} = \square$

$\frac{3}{7} - \frac{8}{21} = \square$

What do you notice?

5 On Saturday, Alex cycles for $\frac{2}{3}$ of an hour.

On Sunday, she cycles for $\frac{5}{12}$ of an hour.

a) How many more hours does Alex cycle on Saturday than Sunday?

$\square$ of an hour

b) How many more minutes does Alex cycle on Saturday than Sunday?

$\square$ minutes

6 Here are some fraction cards.

$\frac{1}{3}$	$\frac{5}{6}$	$\frac{1}{2}$	$\frac{11}{12}$	$\frac{3}{4}$

a) Which two fractions have a difference of $\frac{1}{4}$?

$\square - \square = \frac{1}{4}$

b) Which two fractions have a difference of $\frac{1}{2}$?

$\square - \square = \frac{1}{2}$

c) Which two fractions have a difference of $\frac{1}{12}$?

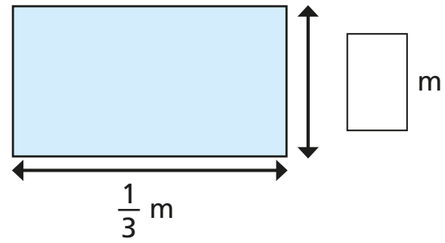
Give two possible pairs.

$\square - \square = \frac{1}{12}$

$\square - \square = \frac{1}{12}$

7 The perimeter of the rectangle is $\frac{14}{15}$ m.

Work out the missing length.



Add fractions

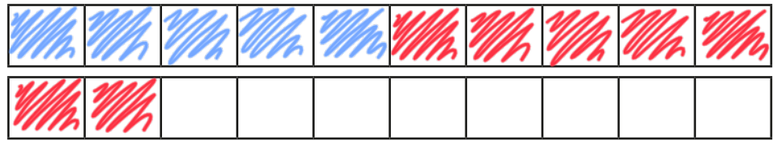
Answers

Mon 22 Feb

1 Complete the calculations.

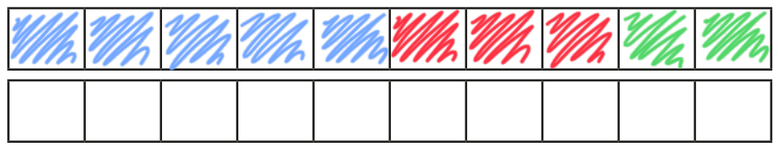
Use the bar models to help you.

a)



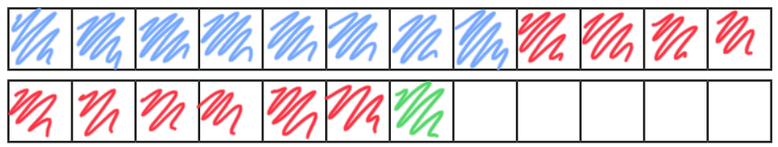
$\frac{1}{2} + \frac{7}{10} = \frac{12}{10} = 1\frac{1}{5}$

b)



$\frac{1}{2} + \frac{3}{10} + \frac{1}{5} = \frac{10}{10} = 1$

c)



$\frac{2}{3} + \frac{5}{6} + \frac{1}{12} = \frac{19}{12} = 1\frac{7}{12}$

2 Complete the additions.

a) $\frac{4}{5} + \frac{7}{20} = \frac{23}{20} = 1\frac{3}{20}$

b) $\frac{5}{4} + \frac{7}{20} = \frac{32}{20} = 1\frac{3}{5}$

c) $\frac{3}{4} + \frac{5}{12} = \frac{14}{12} = 1\frac{1}{6}$

d) $\frac{4}{3} + \frac{5}{12} = \frac{21}{12} = 1\frac{3}{4}$

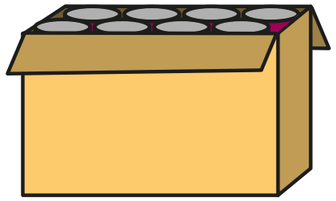
e) $\frac{3}{5} + \frac{11}{15} = \frac{20}{15} = 1\frac{1}{3}$

f) $\frac{5}{3} + \frac{11}{15} = \frac{36}{15} = 2\frac{2}{5}$

3 Match the additions that have the same answer.

$\frac{3}{5} + \frac{9}{20}$	$\frac{16}{20} + \frac{9}{20}$
$\frac{3}{4} + \frac{9}{20}$	$\frac{12}{20} + \frac{9}{20}$
$\frac{4}{5} + \frac{9}{20}$	$\frac{14}{20} + \frac{9}{20}$
$\frac{7}{10} + \frac{9}{20}$	$\frac{15}{20} + \frac{9}{20}$

4 Dexter has some tins of food. There are four types of food: beans, sweetcorn, soup and tomatoes.



- The total weight of all the tins is 2 kg.
- The tins of beans weigh $\frac{2}{3}$ kg.
- The tins of sweetcorn weigh $\frac{5}{12}$ kg.
- The tins of soup weigh $\frac{1}{4}$ kg.

a) Work out the total weight of the tins of beans, sweetcorn and soup.

$1\frac{1}{3}$ kg

b) How much do the tins of tomatoes weigh?

$\frac{2}{3}$ kg

5 Complete the addition pyramids.

a)

	2	
	$\frac{7}{6}$	$\frac{5}{6}$
$\frac{2}{3}$	$\frac{1}{2}$	$\frac{1}{3}$

b)

	$1\frac{2}{3}$	
$\frac{5}{6}$		$\frac{5}{6}$
$\frac{2}{3}$	$\frac{1}{6}$	$\frac{2}{3}$

c)

	$\frac{9}{10}$	
$\frac{2}{5}$		$\frac{1}{2}$
$\frac{1}{5}$	$\frac{1}{5}$	$\frac{3}{10}$

6 What could the three missing numerators be?

$$\frac{\square}{4} + \frac{\square}{12} + \frac{\square}{3} = \frac{13}{12}$$

Give three different possibilities.

$$\frac{1}{4} + \frac{6}{12} + \frac{1}{3} = \frac{13}{12}$$

$$\frac{2}{4} + \frac{3}{12} + \frac{1}{3} = \frac{13}{12}$$

$$\frac{1}{4} + \frac{2}{12} + \frac{2}{3} = \frac{13}{12}$$

Add mixed numbers

Wed 24 Feb

1 Teddy and Mo are adding mixed numbers.

Teddy

$3\frac{1}{4} + 2\frac{5}{8} = 5 + \frac{7}{8} = 5\frac{7}{8}$

$3\frac{1}{4} + 2\frac{5}{8} = \frac{26}{8} + \frac{21}{8} = \frac{47}{8} = 5\frac{7}{8}$

Mo

Whose method do you prefer? various

Talk about it with a partner.

2 Complete the calculations.

a) $1\frac{2}{5} + 2\frac{3}{10} =$ $3\frac{7}{10}$

b) $2\frac{2}{5} + 2\frac{3}{10} =$ $4\frac{7}{10}$

c) $1\frac{3}{4} + 3\frac{3}{20} =$ $4\frac{9}{10}$

d) $1\frac{3}{16} + 4\frac{3}{4} =$ $5\frac{15}{16}$

e) $4\frac{1}{4} + 2\frac{11}{16} =$ $6\frac{15}{16}$

f) $1\frac{4}{15} + 3\frac{2}{3} =$ $4\frac{14}{15}$

3

$2\frac{3}{5} + 1\frac{7}{10} = 3 + \frac{13}{10} = 3\frac{13}{10}$

How can Ron improve his answer?

$\frac{13}{10} = 1\frac{3}{10}$ so $3\frac{13}{10} = 4\frac{3}{10}$

4 Complete the additions.

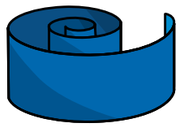
a) $2\frac{3}{4} + 3\frac{5}{12} =$ $6\frac{1}{6}$

b) $3\frac{2}{3} + 2\frac{7}{12} =$ $6\frac{1}{4}$

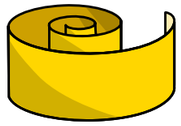
c) $5\frac{1}{6} + 3\frac{11}{12} =$ $9\frac{1}{12}$

d) $6\frac{7}{15} + 3\frac{3}{5} =$ $10\frac{1}{15}$

5 A blue ribbon is $2\frac{4}{9}$ metres long.



A yellow ribbon is $3\frac{2}{3}$ metres long.

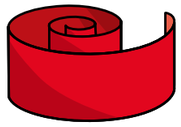


a) What is the total length of the blue and yellow ribbon?

$6\frac{1}{9}$ m

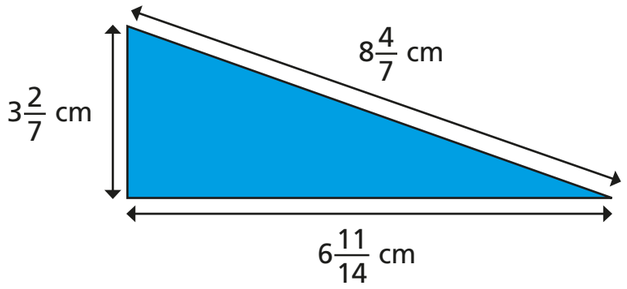
b) A red ribbon is $1\frac{5}{18}$ metres longer than the yellow ribbon.

How long is the red ribbon?



$4\frac{17}{18}$ m

6 Calculate the perimeter of the triangle.



$18\frac{9}{14}$ cm

7 Complete the calculation in three different ways.

e.g.

$1\ \frac{1}{5} + 5\ \frac{8}{15} = 6 + \frac{11}{15} = 6\frac{11}{15}$

$3\ \frac{2}{5} + 3\ \frac{5}{15} = 6 + \frac{11}{15} = 6\frac{11}{15}$

$1\ \frac{4}{5} + 4\ \frac{14}{15} = 6 + \frac{11}{15} = 6\frac{11}{15}$

Compare answers with a partner.

8 Here are some number cards.

$3\frac{1}{6}$	$2\frac{11}{12}$	$2\frac{5}{6}$	$3\frac{5}{6}$	$4\frac{1}{12}$	$4\frac{1}{3}$

a) What is the greatest total you can make with two cards?

$8\frac{5}{12}$

b) What is the smallest total you can make with two cards?

$5\frac{3}{4}$

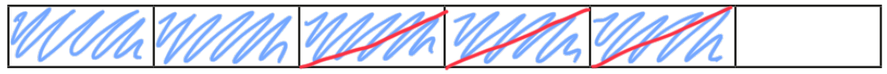
Subtract fractions

Thur 25 Feb

1 Complete the subtractions.

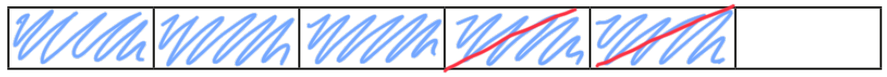
Use the bar models to help you.

a)



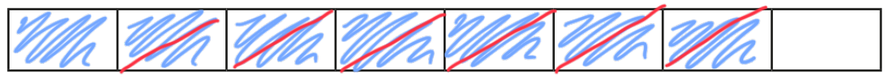
$\frac{5}{6} - \frac{1}{2} = \boxed{\frac{1}{3}}$

b)



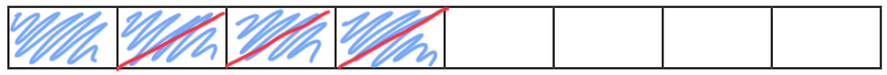
$\frac{5}{6} - \frac{1}{3} = \boxed{\frac{1}{2}}$

c)



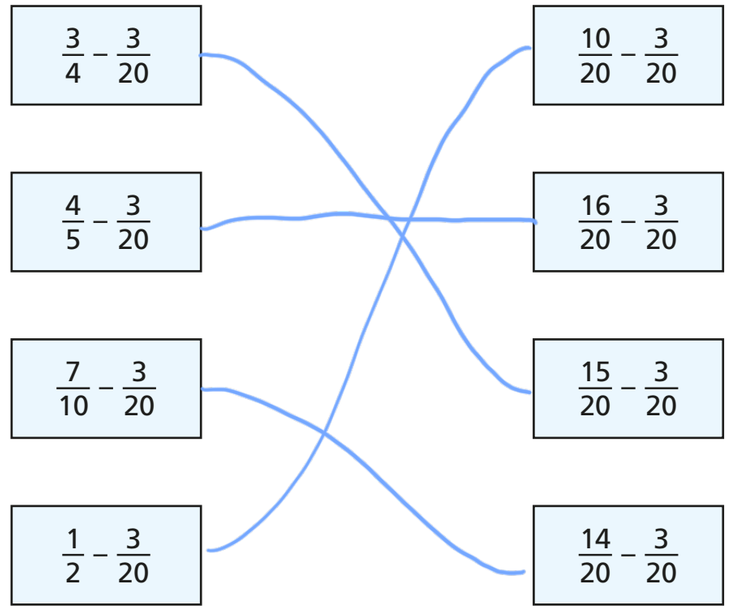
$\frac{7}{8} - \frac{3}{4} = \boxed{\frac{1}{8}}$

d)



$\frac{1}{2} - \frac{3}{8} = \boxed{\frac{1}{8}}$

2 Match the equivalent calculations.



3 Jack walks $\frac{7}{9}$ km to school.

Aisha walks $\frac{2}{3}$ km to school.

How much further does Jack walk than Aisha?

Jack walks $\boxed{\frac{1}{9}}$ km further than Aisha.

4 Complete the subtractions.

a) $\frac{7}{8} - \frac{1}{16} = \boxed{\frac{13}{16}}$

$\frac{5}{8} - \frac{1}{16} = \boxed{\frac{9}{16}}$

$\frac{3}{8} - \frac{1}{16} = \boxed{\frac{5}{16}}$

$\frac{1}{8} - \frac{1}{16} = \boxed{\frac{1}{16}}$

b) $\frac{6}{7} - \frac{2}{21} = \boxed{\frac{16}{21}}$

$\frac{5}{7} - \frac{4}{21} = \boxed{\frac{11}{21}}$

$\frac{4}{7} - \frac{6}{21} = \boxed{\frac{6}{21}}$

$\frac{3}{7} - \frac{8}{21} = \boxed{\frac{1}{21}}$

What do you notice?

5 On Saturday, Alex cycles for $\frac{2}{3}$ of an hour.

On Sunday, she cycles for $\frac{5}{12}$ of an hour.

a) How many more hours does Alex cycle on Saturday than Sunday?

$\boxed{\frac{1}{4}}$ of an hour

b) How many more minutes does Alex cycle on Saturday than Sunday?

$\boxed{15}$ minutes

6 Here are some fraction cards.

$\frac{1}{3}$ $\frac{5}{6}$ $\frac{1}{2}$ $\frac{11}{12}$ $\frac{3}{4}$

a) Which two fractions have a difference of $\frac{1}{4}$?

$\boxed{\frac{3}{4}} - \boxed{\frac{1}{2}} = \frac{1}{4}$

b) Which two fractions have a difference of $\frac{1}{2}$?

$\boxed{\frac{5}{6}} - \boxed{\frac{1}{3}} = \frac{1}{2}$

c) Which two fractions have a difference of $\frac{1}{12}$?

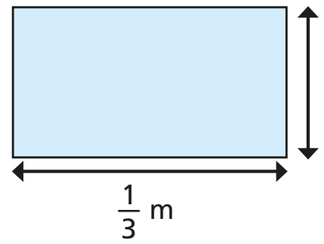
Give two possible pairs.

$\boxed{\frac{11}{12}} - \boxed{\frac{5}{6}} = \frac{1}{12}$

$\boxed{\frac{5}{6}} - \boxed{\frac{3}{4}} = \frac{1}{12}$

7 The perimeter of the rectangle is $\frac{14}{15}$ m.

Work out the missing length.



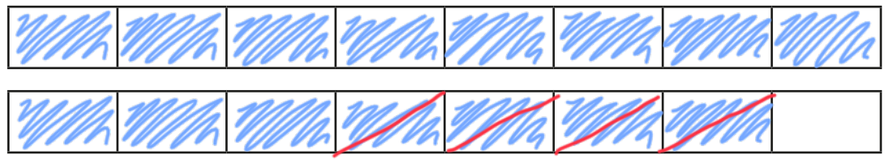
Subtract mixed numbers

Fri 26 Feb

1 Complete the subtractions.

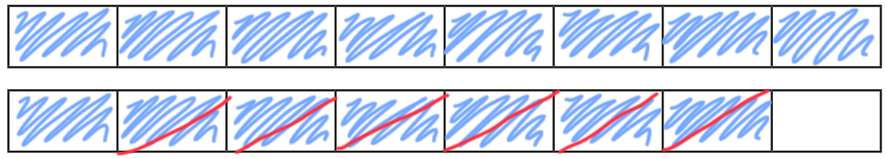
Use the bar models to help you.

a)



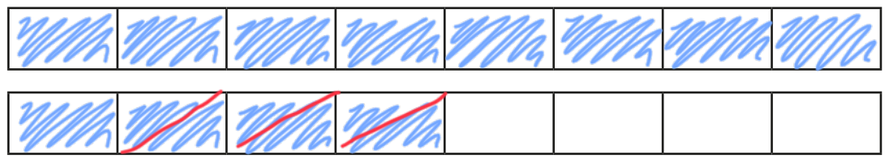
$\frac{15}{8} - \frac{1}{2} =$ $1\frac{3}{8}$

b)



$1\frac{7}{8} - \frac{3}{4} =$ $1\frac{1}{8}$

c)

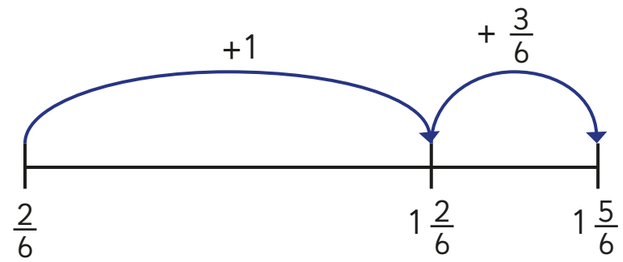


$1\frac{1}{2} - \frac{3}{8} =$ $1\frac{1}{8}$

2 Dexter and Whitney are using number lines to work out $1\frac{5}{6} - \frac{1}{3}$

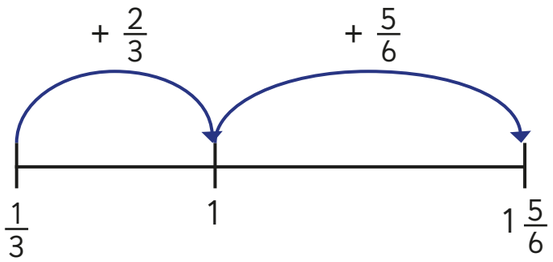
Dexter's method

$\frac{1}{3} = \frac{2}{6}$



$1 + \frac{3}{6} = 1\frac{1}{2}$

Whitney's method



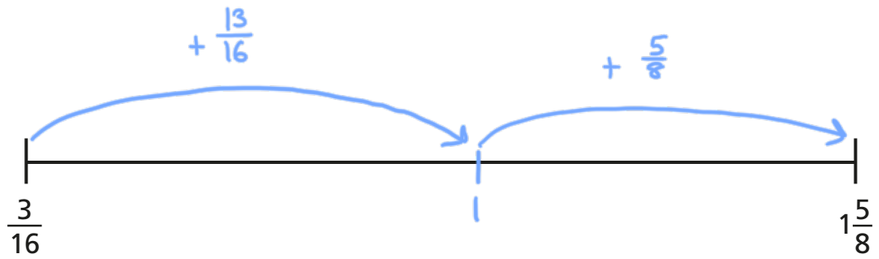
$\frac{2}{3} = \frac{4}{6}$

$\frac{4}{6} + \frac{5}{6} + \frac{9}{6} = 1\frac{1}{2}$

What is the same and what is different about these methods?

Use one of the methods to work out $1\frac{5}{8} - \frac{3}{16}$

e.g



$\frac{13}{16} + \frac{10}{16} = \frac{23}{16} = 1\frac{7}{16}$

$1\frac{5}{8} - \frac{3}{16} =$ $1\frac{7}{16}$

3 Complete the subtractions.

a) $3\frac{1}{4} - \frac{5}{24} =$ $3\frac{1}{24}$

b) $3\frac{3}{16} - \frac{1}{8} =$ $3\frac{1}{16}$

c) $2\frac{5}{6} - \frac{2}{3} =$ $2\frac{1}{6}$

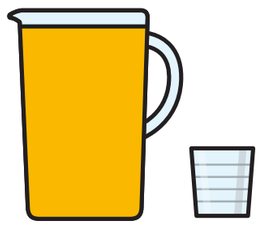
d) $7\frac{5}{6} - \frac{13}{24} =$ $7\frac{7}{24}$

e) $4\frac{4}{9} - \frac{4}{27} =$ $4\frac{8}{27}$

f) $6\frac{11}{12} - \frac{3}{4} =$ $6\frac{1}{6}$

4 A jug contains $1\frac{3}{5}$ litres of orange juice.

Eva pours $\frac{4}{15}$ litres into a glass.



How much orange juice is left in the jug?

There are $1\frac{1}{3}$ litres of orange juice left in the jug.

5 Find three different ways to complete the calculation.

e.g.

$3\frac{1}{5} - \frac{3}{20} = 3\frac{1}{20}$

$3\frac{3}{5} - \frac{11}{20} = 3\frac{1}{20}$

$3\frac{2}{5} - \frac{7}{20} = 3\frac{1}{20}$

Are there any other ways to complete this calculation?

6 Three children take part in throwing competitions.

Here is the table of results.

	Javelin	Shot Put	Discus
Dexter	$15\frac{1}{4}$ m	$7\frac{5}{12}$ m	$12\frac{3}{8}$ m
Amir	$13\frac{3}{8}$ m	$8\frac{1}{4}$ m	$12\frac{7}{8}$ m
Annie	$14\frac{1}{3}$ m	9 m	$11\frac{5}{12}$ m

Use the clues to complete the table.

- Annie's javelin throw is $\frac{11}{12}$ m less than Dexter's.
- Amir's shot put throw is $\frac{3}{4}$ m less than Annie's.
- Dexter's discus throw is $\frac{1}{2}$ m less than Amir's