







St Mary's Church of England Primary School

Home Learning


Hello Year Six! I hope you are all okay and staying safe. Try your best at the home learning this week. You are all doing so well – you are home learning heroes! Please continue sending your work to me. I love seeing your brilliant learning!

Class 6	Monday 1.2.2021	Tuesday 2.2.2021	Wednesday 3.2.2021	Thursday 4.2.2021	Friday 5.2.2021
Maths	<p>Activity 1: Number of the day!</p> <p></p> <ul style="list-style-type: none">• Write it in words.• Round to the nearest 10, 100 and 1000.• Multiply by 10, 100 and 1000.• Divide by 10, 100 and 1000.• Add 7339.• Subtract 1631.• Double it (x2).• Half it ($\div 2$). <p>Use a calculator, a phone or google to check your answers.</p>	<p>Activity 1: Number of the day!</p> <p></p> <ul style="list-style-type: none">• Write it in words.• Round to the nearest 10, 100 and 1000.• Multiply by 10, 100 and 1000.• Divide by 10, 100 and 1000.• Add 9217.• Subtract 257.• Double it (x2).• Half it ($\div 2$). <p>Use a calculator, a phone or google to check your answers.</p>	<p>Wonderful Wednesday!</p> <p>Today is a day where there is no online learning. Instead, you can try out some different activities! The Wonderful Wednesday activities can be found on the school website.</p> <p>Please send me photographs of the activities you choose to complete. I would love to see what you get up to!</p>	<p>Activity 1: Number of the day!</p> <p></p> <ul style="list-style-type: none">• Write it in words.• Round to the nearest 10, 100 and 1000.• Multiply by 10, 100 and 1000.• Divide by 10, 100 and 1000.• Add 7632.• Subtract 5627.• Double it (x2).• Half it ($\div 2$). <p>Use a calculator, a phone or google to check your answers.</p>	<p>Activity 1: Number of the day!</p> <p></p> <ul style="list-style-type: none">• Write it in words.• Round to the nearest 10, 100 and 1000.• Multiply by 10, 100 and 1000.• Divide by 10, 100 and 1000.• Add 9956.• Subtract 6511.• Double it (x2).• Half it ($\div 2$). <p>Use a calculator, a phone or google to check your answers.</p>

	<p>Activity 2: Maths starter Complete the maths starter set for you by Miss Berman. Scroll down to find it under today's date.</p> <p>Activity 3: Watch the learning video. Spr6.4.2 - Percentage of an amount (1) on Vimeo</p> <p>Activity 4: Complete the questions on the worksheet. Scroll down to find it under today's date.</p>	<p>Activity 2: Maths starter Complete the maths starter set for you by Miss Berman. Scroll down to find it under today's date.</p> <p>Activity 3: Watch the learning video. Spr6.4.3 - Percentage of an amount (2) on Vimeo</p> <p>Activity 4: Complete the questions on the worksheet. Scroll down to find it under today's date.</p>		<p>Activity 2: Maths starter Complete the maths starter set for you by Miss Berman. Scroll down to find it under today's date.</p> <p>Activity 3: Watch the learning video. Spr6.4.4 - Percentages - missing values on Vimeo</p> <p>Activity 4: Complete the questions on the worksheet. Scroll down to find it under today's date.</p>	<p>Activity 2: Maths starter Choose a game to practise your mental maths! https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths</p> <p>Activity 3: Have a go at this maths challenge! Read the instructions carefully and show your working out. Are You a Smart Shopper? (maths.org) Send me your working out for this challenge. I would love to see how you found it!</p>
Literacy	<p>Activity 1: Spelling Words Use a strategy of your choice to learn the spellings for this week.</p> <p>Here is a list of spelling strategies you could use: Spelling-Menu-of-Activities.pdf (windynookprimary.org)</p> <ul style="list-style-type: none"> Pronunciation 	<p>Activity 1: Spelling Words Use a strategy of your choice to learn the spellings for this week.</p> <p>Here is a list of spelling strategies you could use: Spelling-Menu-of-Activities.pdf (windynookprimary.org)</p> <ul style="list-style-type: none"> Pronunciation 		<p>Activity 1: Spelling Words Use a strategy of your choice to learn the spellings for this week.</p> <p>Here is a list of spelling strategies you could use: Spelling-Menu-of-Activities.pdf (windynookprimary.org)</p> <ul style="list-style-type: none"> Pronunciation 	<p>Activity 1: Spelling Test What was your score this week? I would love to know!</p>

	<ul style="list-style-type: none"> • Opportunity • Environmental • Achievement • Treasure • Pleasure • Measure • Failure • Injure <p>Activity 2: Grammar Practise Watch the revision video, read the information and test your knowledge by taking the quiz! What is a verb? - BBC Bitesize</p> <p>Activity 3: Reading Read chapter 17 of our class novel.</p> <p>Activity 4: Planning a letter of gratitude to Dr Bryce as Cameron.</p>	<ul style="list-style-type: none"> • Opportunity • Environmental • Achievement • Treasure • Pleasure • Measure • Failure • Injure <p>Activity 2: Grammar Practise Watch the revision video, read the information and test your knowledge by taking the quiz! What is a pronoun? - BBC Bitesize</p> <p>Activity 3: Reading Read chapter 18 of our class novel.</p> <p>Activity 4: Writing a letter of gratitude to Dr Bryce as Cameron. Use your plan to write your letter of thanks to Dr Bryce.</p>		<ul style="list-style-type: none"> • Opportunity • Environmental • Achievement • Treasure • Pleasure • Measure • Failure • Injure <p>Activity 2: Grammar Practise Watch the revision video, read the information and test your knowledge by taking the quiz! What is a passive verb? - BBC Bitesize</p> <p>Activity 3: Reading Read chapter 19 of our class novel. What do you think of the book so far? Let me know!</p> <p>Activity 4: Writing a letter back to Cameron as Dr Bryce. Now you need to become the character of Dr Bryce.</p>	<p>Activity 2: Grammar Practise Watch the revision video, read the information and test your knowledge by taking the quiz! What is an adverb? - BBC Bitesize</p> <p>Activity 3: Reading Read chapter 20 of our class novel.</p> <p>Activity 4: After reading chapter 20, answer these comprehension questions.</p>
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	<p>Watch the learning video about how to write a formal letter. Read the key features information. You do not need to complete the practise activities. Letter writing - Year 6 - P7 - English - Catch Up Lessons - Home Learning with BBC Bitesize - BBC Bitesize</p> <p>Plan what you will write in your letter to Dr Bryce. Your letter will be at least 2 paragraphs long. You can bullet point your plan.</p> <p>Paragraph 1 – thanking Dr Bryce for the operation, explain how you are now feeling.</p> <p>Paragraph 2 – what the operation has done for you, what are your plans now.</p>	<p>Refer back to the key features from the video you watched yesterday.</p> <ul style="list-style-type: none"> • Cameron’s address should be written in the top-right corner of the page. • The date should be written below Cameron’s address. • Below the date on the left-hand side of the page, write Dr Bryce’s address. • Start the letter with Dear Dr Bryce, • Your opening sentence should get to the point and clearly state why you are writing - I am writing to say thank you for ... I write to share my gratitude for... • Main paragraphs – include all the details about why you are thankful. • End your letter with yours sincerely, Cameron <p>Send me your letter! I would love to read them.</p>		<p>You are going to be replying to the letter you wrote yesterday.</p> <p>Use your knowledge of letter writing to ensure you use all the key features! Watch the video from Monday again if you would like to.</p> <p>Send me a picture of your letter. I would love to read them!</p>	<ol style="list-style-type: none"> 1. What does ‘fragile’ suggest about Nan? 2. Why did Alex want to talk to Mum about his day at school? 3. Why does Cam open up to his Nan? 4. What do you think Cam will do now that he knows about the letters? 5. What was Nan doing when Cam got home? 6. How did Cam feel seeing his Nan? 7. How did Nan find out about Cam’s pig heart? 8. What was Nan making for dinner? 9. What job did Nan make Cam do? 10. Summarise the advice Nan gave Cam about his friendship with Marlon. Do you agree with her?
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Other Activities	<p>Geography</p> <p>Activity 1: Watch the learning video about the 3 R's. Reduce, Reuse and Recycle, to enjoy a better life Educational Video for Kids. - YouTube</p> <p>Activity 2: Write an explanation about the 3 R's. Include what each 'R' means, examples of how to reduce, reuse, recycle and pictures.</p> <p>Activity 3: Create an acrostic poem with the words 'Save Earth.' Draw pictures and colour in your poem.</p>  <p>Send me your poems, I would love to see them!</p>	<p>Music</p> <p>Activity 1: Watch these three clips. Which is your favourite? Let me know! Wintergatan - Marble Machine (music instrument using 2000 marbles) - YouTube</p> <p>RimbaTubes: Star Wars Medley Snubby J - YouTube</p> <p>Street artist playing Hallelujah with crystal glasses - YouTube</p> <p>Activity 2: Choose your favourite piece and answer these questions:</p> <ol style="list-style-type: none"> 1. Describe the instrument being played. What shape and size is it? 2. Describe the materials used to make the instrument. 3. How do you think it makes a sound? Can you work what the performer does to create this sound? 4. How did this music make you feel? Choose an emoji if you'd like! 		<p>RE</p> <p>Activity 1: Watch the learning videos. Religious Studies KS2: The Mosque - BBC Teach</p> <p>Praying at the mosque - KS2 Religious Education - BBC Bitesize</p> <p>Activity 2: Read the information about Mosques. History of the Early Islamic World for Kids: Mosques (ducksters.com)</p> <p>Activity 3: Research pictures of Mosques. Choose your favourite and draw a picture of it.</p> <p>Activity 4: Look at Islamic art patterns on google images. Draw your own pattern inspired by the images you have seen.</p>	<p>Science</p> <p>Activity 1: Visit this website and download the interactive presentation. Read the information carefully. Joe Wicks Top Tips: Why We Need to Exercise Powerpoint KS2 - BBC Children in Need</p> <p>Activity 2: Why should we exercise? Write a short explanation about the importance of exercise. You could do this in bullet point format or even create a poster.</p> <p>Activity 3: Use the internet safely to research what makes a healthy diet. Present your research in any way you like.</p> <p>Send me your science work! I would love to see it.</p>
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Thinking Time	Watch this video: https://www.youtube.com/watch?v=0IRQkSPzJWk&feature=youtu.be Complete the ten second gratitude challenge!	Why not have a go at making a gratitude box! https://nowandbeyond.org.uk/wp-content/uploads/2020/12/Gratitude-Box-KS2.pdf		Complete this 2-minute gratitude meditation! https://nowandbeyond.org.uk/wp-content/uploads/2020/12/Gratitude-Meditation-2-mins-KS2.m4a	Take a short moment and draw or write down anything you are thankful for.									
Exercise and break times	<div><div><div>PE BINGO</div><table><tr><td>20 minute walk</td><td>30 minute walk</td><td>30 second high knees</td></tr><tr><td>30 star jumps</td><td>1 hour walk</td><td>50 stairs</td></tr><tr><td>30 minute walk</td><td>20 minute walk</td><td>3x 20 second high knees</td></tr></table></div><div>PE Bingo: How far can you walk this week? Complete the boxes and cross them off until you get BINGO!</div></div> <p>If you can't get out for a walk, have a go at some of these at home fitness videos!</p> <p>Among us Fitness Challenge: Among Us Fitness Challenge! [Can you find the imposter?!] - YouTube</p> <p>Just Dance: Just Dance - YouTube</p> <p>Squat Challenge: Bring Sally Up Squat Challenge - YouTube</p> <p>Yoga: Yoga For The Classroom - Yoga With Adriene - YouTube</p>					20 minute walk	30 minute walk	30 second high knees	30 star jumps	1 hour walk	50 stairs	30 minute walk	20 minute walk	3x 20 second high knees
20 minute walk	30 minute walk	30 second high knees												
30 star jumps	1 hour walk	50 stairs												
30 minute walk	20 minute walk	3x 20 second high knees												

Use long or short division to
answer these questions.

Mild

$$360 \div 6 =$$

$$180 \div 4 =$$

$$96 \div 8 =$$

$$125 \div 5 =$$

$$160 \div 4 =$$

$$128 \div 4 =$$

$$96 \div 12 =$$

$$108 \div 12 =$$

Medium

$$195 \div 13 =$$

$$104 \div 8 =$$

$$204 \div 12 =$$

$$288 \div 16 =$$

$$1,362 \div 6 =$$

$$3,448 \div 8 =$$

$$1,632 \div 12 =$$

$$4,550 \div 14 =$$

Hot

$$8,352 \div 8 =$$

$$8,352 \div 16 =$$

$$73 \div 7$$

$$167 \div 8 =$$

$$1,532 \div 6 =$$

$$5,436 \div 12 =$$

$$5822 \div 11 =$$

$$7,520 \div 16 =$$

Maths Worksheet 1.2.21 – scroll down to find the answers.

- 1 Match the equivalent fractions to the percentages.

$$\frac{1}{2}$$

$$25\%$$

$$\frac{1}{100}$$

$$1\%$$

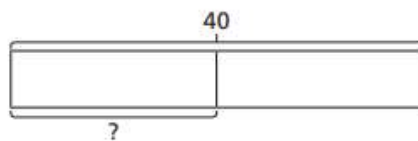
$$\frac{1}{10}$$

$$50\%$$

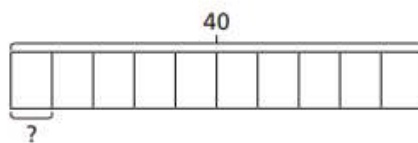
$$\frac{1}{4}$$

$$10\%$$

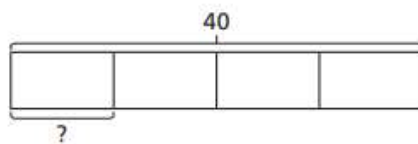
- 2 Match each bar model to the statement it represents.



10% of 40

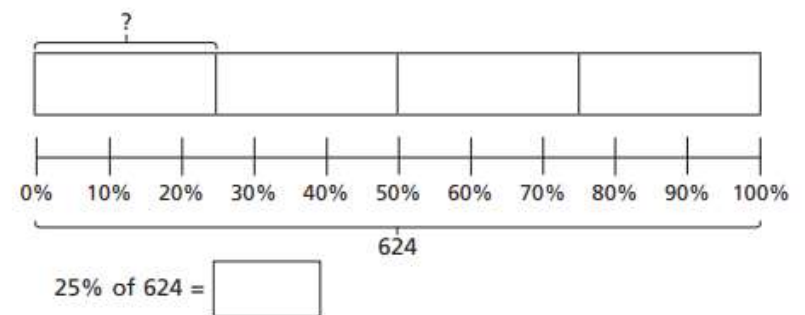
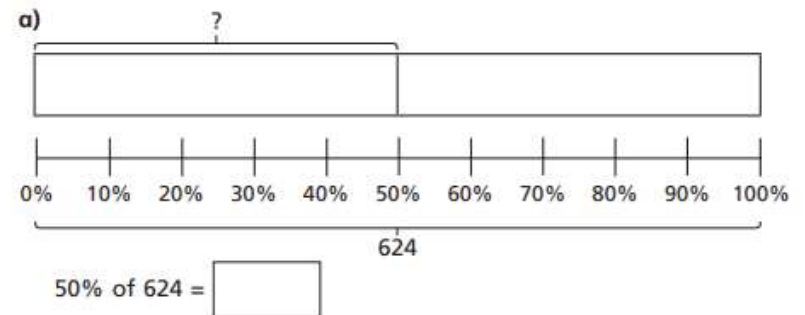


25% of 40



50% of 40

- 3 Use the bar models to help you complete the calculations.



What do you notice about your answers?

- b) Use bar models to work out the calculations.

50% of 3,420

25% of 3,420

10% of 3,420

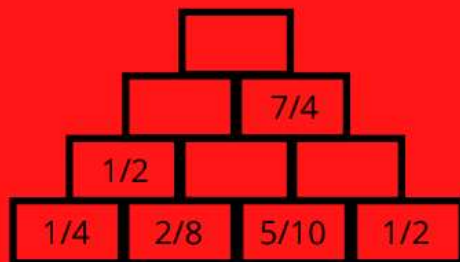
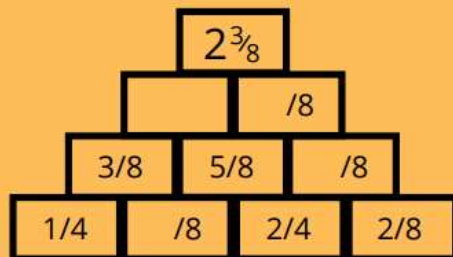
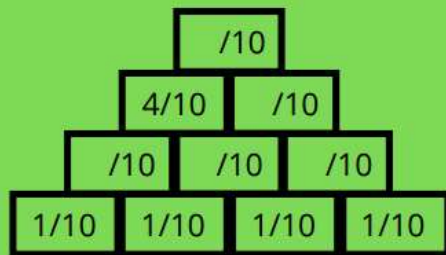
- 4 Work out the calculations.

a) 50% of 3,000	b) 25% of 3,000	c) 10% of 3,000	d) 1% of 3,000
50% of 1,500	25% of 1,500	10% of 1,500	1% of 1,500
50% of 500	25% of 500	10% of 500	1% of 500

Maths Starter 2.2.21 – scroll down to find the answers.

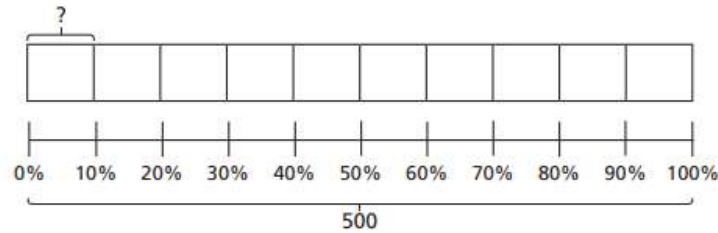
Add two adjoining numbers and
write the total in the box above.

Use your skills of adding and
subtracting fractions to help you.



Maths Worksheet 2.2.21 – scroll down to find the answers.

- 1 a) Use the bar model to find 10% of 500



- b) Use your answer to part a) to help you work out the calculations.

20% of 500	70% of 500
90% of 500	60% of 500
30% of 500	100% of 500

2



To find 5% you can find 10% and then halve it.

Use Dora's method to work out the calculations.

- | | |
|----------------|----------------|
| a) 5% of 40 | d) 5% of 2,000 |
| b) 5% of 400 | e) 5% of 6,000 |
| c) 5% of 4,000 | |

What do you notice about your answers?

- 3 Some children are asked to find 75% of 340



I will find 25% and multiply it by 3

- a) Use Dexter's method to find 75% of 340



I will find 10% and multiply it by 7, then find 5% and add them together.

- b) Use Alex's method to find 75% of 340



I will find 25% and 50% and add them together.

- c) Use Amir's method to find 75% of 340

- d) Are there any other methods you could use?

4

Talk to a partner about different methods for finding these percentages.

20% 90% 60% 15% 55% 40%

Use your preferred method to calculate the percentages.

- | | | |
|-----------------|-----------------|-----------------|
| a) 20% of 1,000 | c) 60% of 1,000 | e) 55% of 1,000 |
| 20% of 550 | 60% of 400 | 55% of 4,400 |
| 20% of 40 | 60% of 98 | 55% of 8 |
| b) 90% of 1,000 | d) 15% of 1,000 | f) 40% of 1,000 |
| 90% of 4,230 | 15% of 300 | 40% of 400 |
| 90% of 90 | 15% of 30 | 40% of 98 |

Maths Starter 4.2.21 – scroll down to find the answers.

Complete the missing symbol

$> < =$

Use your skills of equivalent, improper and proper fractions to help you.

$$0.25 + 0.25 \quad \bigcirc \quad \frac{1}{4}$$

$$0.2 + 0.5 \quad \bigcirc \quad \frac{8}{10}$$

$$\frac{1}{3} + \frac{1}{6} \quad \bigcirc \quad 0.5$$

$$\frac{3}{4} + \frac{1}{3} \quad \bigcirc \quad 1$$

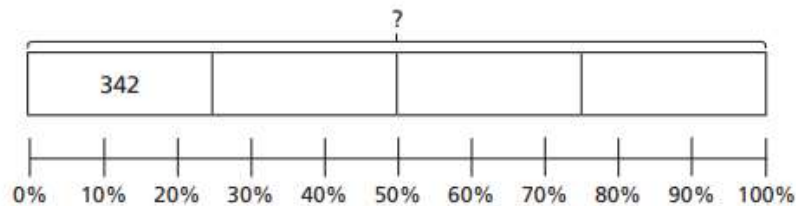
$$1\frac{1}{8} + \frac{3}{8} \quad \bigcirc \quad 1\frac{4}{8}$$

$$1\frac{2}{3} + \frac{2}{6} \quad \bigcirc \quad 2$$

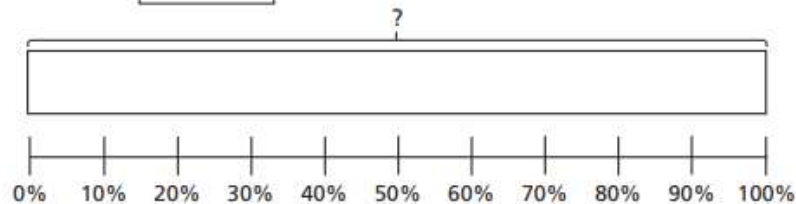
Maths Worksheet 4.2.21 – scroll down to find the answers.

1 Complete the bar models to find the missing numbers.

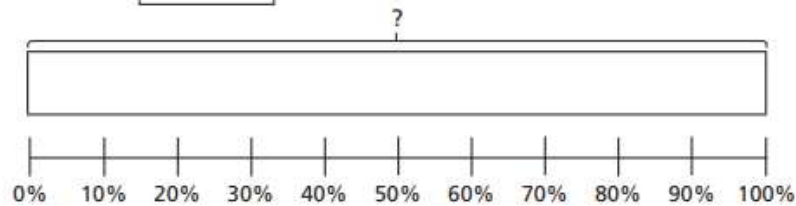
a) 25% of = 342



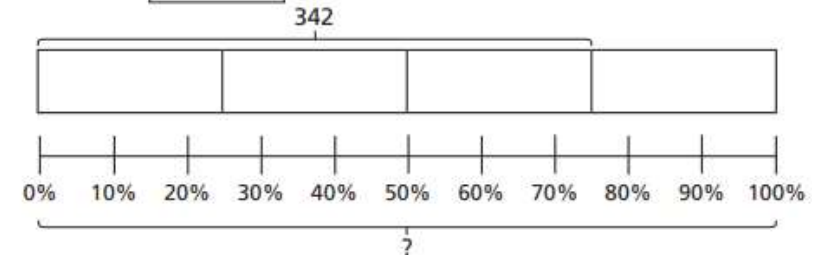
b) 10% of = 342



c) 50% of = 342



d) 75% of = 342



2 40% of the children in a school are boys.

There are 188 boys in total.

a) How many children are there altogether?

b) How many girls are there?

3 10% of = 200



I know that to find 10%
I have to divide by 10, so
the answer is 20

a) What mistake has Eva made?

b) Draw a bar model to help Eva find the correct answer.

c) What is the correct answer?

Maths Starter Answers

Mild

$360 \div 6 = 60$
 $180 \div 4 = 45$
 $96 \div 8 = 12$
 $125 \div 5 = 25$
 $160 \div 4 = 40$
 $128 \div 4 = 32$
 $96 \div 12 = 8$
 $108 \div 12 = 9$

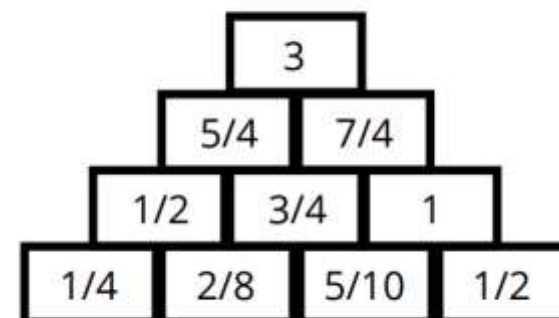
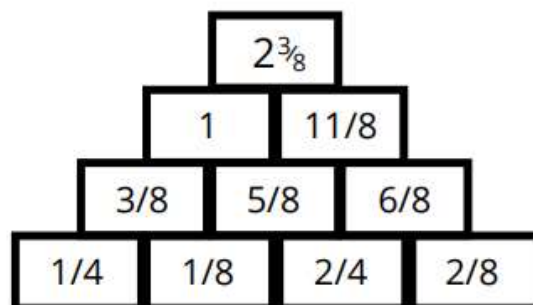
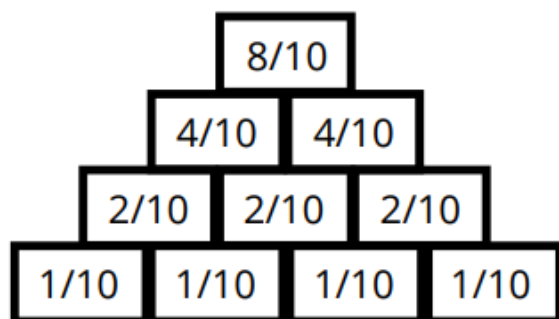
Medium

$195 \div 13 = 15$
 $104 \div 8 = 13$
 $204 \div 12 = 17$
 $288 \div 16 = 18$
 $1,362 \div 6 = 227$
 $3,448 \div 8 = 431$
 $1,632 \div 12 = 136$
 $4,550 \div 14 = 325$

Hot

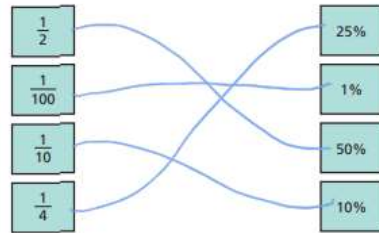
$8,352 \div 8 = 1,044$
 $8,352 \div 16 = 522$
 $73 \div 7 = 10 \text{ r}3$
 $167 \div 8 = 20 \text{ r}7$
 $1,532 \div 6 = 255 \text{ r}2$
 $5,436 \div 12 = 453$
 $5822 \div 11 = 529 \text{ r}3$
 $7,520 \div 16 = 470$

$0.25 + 0.25$	$>$	$1/4$
$0.2 + 0.5$	$<$	$8/10$
$1/3 + 1/6$	$=$	0.5
$3/4 + 1/3$	$>$	1
$11/8 + 3/8$	$>$	$1\frac{4}{8}$
$1\frac{2}{3} + 2/6$	$=$	2

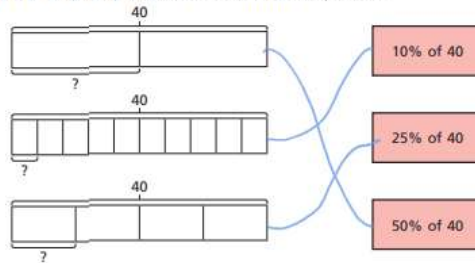


Maths Worksheet Answers 1.2.21

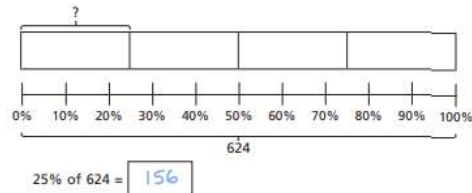
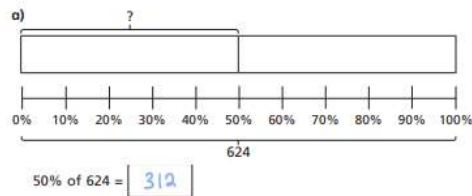
1 Match the equivalent fractions to the percentages.



2 Match each bar model to the statement it represents.

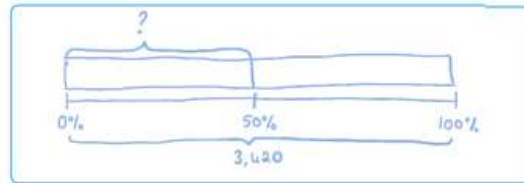


3 Use the bar models to help you complete the calculations.

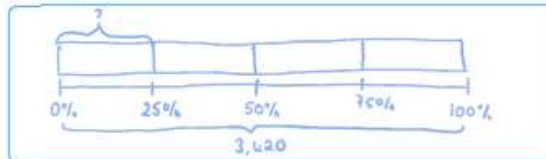


b) Use bar models to complete the calculations.

50% of 3,420 = 1,710



25% of 3,420 = 855



10% of 3,420 = 342



4 Complete the calculations.

a) 50% of 3,000 = 1,500

c) 10% of 3,000 = 300

50% of 1,500 = 750

10% of 1,500 = 150

50% of 500 = 250

10% of 500 = 50

b) 25% of 3,000 = 750

d) 1% of 3,000 = 30

25% of 1,500 = 375

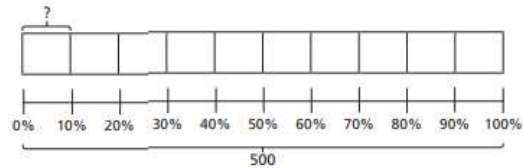
1% of 1,500 = 15

25% of 500 = 125

1% of 500 = 5

Maths Worksheet Answers 2.2.21

- 1 a) Use the bar model to find 10% of 500



10% of 500 = 50

- b) Use your answer to part a) to help you complete the calculations.

20% of 500 = 100 70% of 500 = 350

90% of 500 = 450 60% of 500 = 300

30% of 500 = 150 100% of 500 = 500

Use Dora's method to complete the calculations.

a) 5% of 40 = 2 d) 5% of 2,000 = 100

b) 5% of 400 = 20 e) 5% of 6,000 = 300

c) 5% of 4,000 = 200

- 3 Some children are asked to find 75% of 340



I will find 25% and multiply it by 3

- a) Use Dexter's method to find 75% of 340

255



I will find 10% and multiply it by 7, then find 5% and add them together.

- b) Use Alex's method to find 75% of 340

255



I will find 25% and 50% and add them together.

- c) Use Amir's method to find 75% of 340

255

- 4 Talk to a partner about different methods for finding these percentages.

20% 90% 60% 15% 55% 40%

Use your preferred method to calculate the percentages.

a) 20% of 1,000 = 200 d) 15% of 1,000 = 150

20% of 550 = 110 15% of 300 = 45

20% of 40 = 8 15% of 30 = 4.5

b) 90% of 1,000 = 900 e) 55% of 1,000 = 550

90% of 4,230 = 3,807 55% of 4,400 = 2,420

90% of 90 = 81 55% of 8 = 4.4

c) 60% of 1,000 = 600 f) 40% of 1,000 = 400

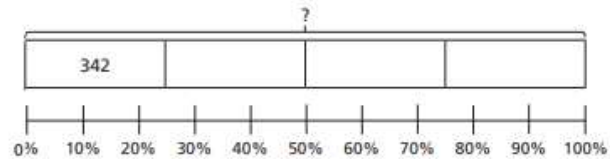
60% of 400 = 240 40% of 400 = 160

60% of 98 = 58.8 40% of 98 = 39.2

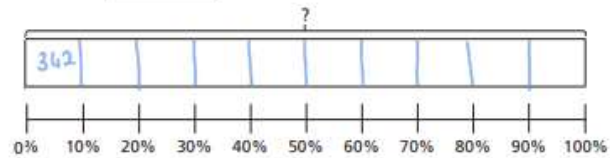
Maths Worksheet Answers 4.2.21

- 1 Complete the bar models to find the missing numbers.

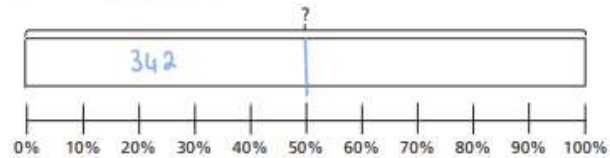
a) 25% of $\boxed{1,368}$ = 342



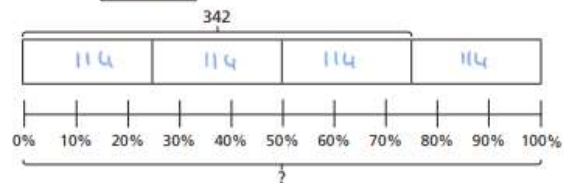
b) 10% of $\boxed{3,420}$ = 342



c) 50% of $\boxed{684}$ = 342



d) 75% of $\boxed{456}$ = 342



- 2 40% of the children in a school are boys.

There are 188 boys in total.

- a) How many children are there altogether?

$\boxed{470}$

- b) How many girls are there?

$\boxed{282}$

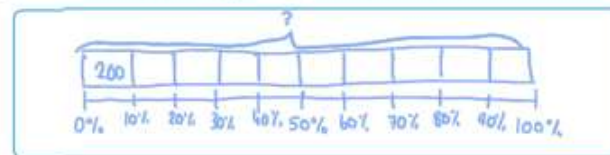
- 3 10% of $\boxed{}$ = 200



I know that to find 10%
I have to divide by 10, so
the answer is 20

- a) What mistake has Eva made?

- b) Draw a bar model to help Eva find the correct answer.



- c) What is the correct answer?

$\boxed{2,000}$