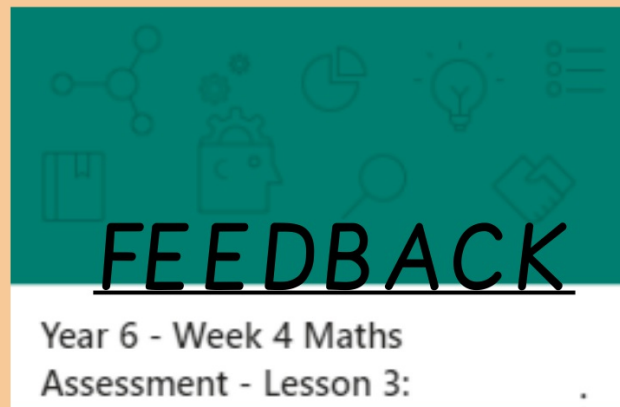


## Maths - Lesson 3: Assessment Percentages (missing values)

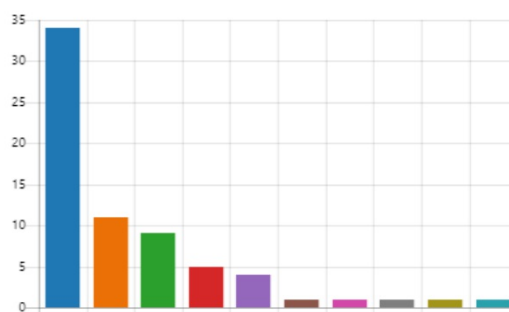


7. Complete the bar model to find the missing numbers (1 point)

50% of respondents (34 of 68) answered this question correctly.

[More Details](#)

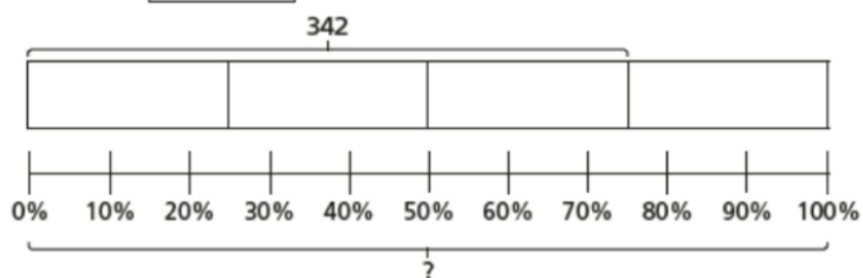
456	34	✓
answer_other	11	
1026	9	
256.5	5	
1368	4	
1,026	1	
1052	1	
114	1	
140.8	1	
256.4	1	



7

Complete the bar model to find the missing numbers \*  
(1 Point)

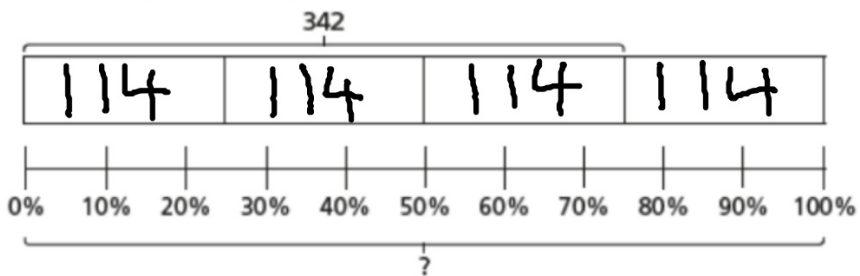
d) 75% of  = 342



7

Complete the bar model to find the missing numbers \*  
(1 Point)

d) 75% of 456 = 342



$$\begin{array}{r} 114 \\ \times \quad 4 \\ \hline 456 \\ \hline \end{array}$$

$$\frac{3}{4} = 342$$

$$3 \overline{) 342}$$

$$\frac{1}{4} = 114$$

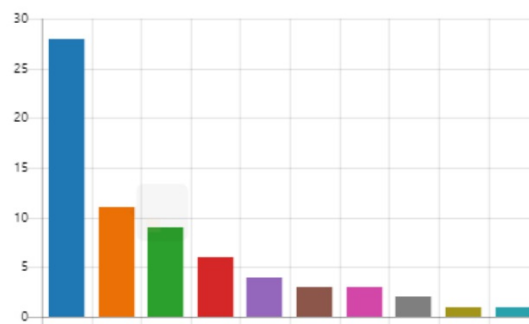
Correct answers: 456

19. Complete the calculation (1 point)

54% of respondents (37 of 68) answered this question correctly.

[More Details](#)

25	28	✓
40	11	
25%	9	✓
4	6	
40%	4	
20	3	
answer_other	3	
20%	2	
1	1	
10	1	



19

Complete the calculation \*  
(1 Point)

% of 32 = 8

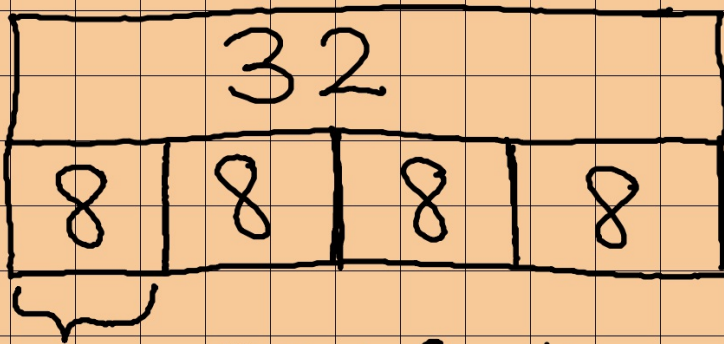
Enter your answer

19

Complete the calculation \*  
(1 Point)

$$\boxed{25} \% \text{ of } \underline{32} = 8$$

Enter your answer



$$32 \div 8 = 4$$

$$\frac{1}{4} = 25\%$$

$$\frac{1}{4} \text{ of } 32 = 8$$

$$\frac{4}{4} = 100\%$$

$$\frac{1}{2} = 50\%$$

Correct answers: 25, 25%, 25 %, 25 percent, 25percent

Eva did dividing instead of timesing beacuse the question is telling you that the 10% is 200, so  $10 \times 200$  is  $100\% = 2000$

The mistake Eva has made is that thinks that she is finding 10% of 200 but she is actually finding the whole -100%- what she needed to do was multiply 200 by 10 to get the whole as  $200 = 10\%$  and  $10\% \times 10 = 100\%$ .

## Radical Reasoning...

10

What mistake has Eva made?

10% of  = 200



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

She has done 10% of 200 so she has mis read the question

She has found 10% of the answer but instead she needs to find 10% of the missing amount, which is 200.

She has done 10% of 200 which is not the question the question is 10% of  = 200 so Eva should have done  $200 \times 10$  to get the answer of 2000.

She has worked out 10% of 200 by dividing 200 by 10 rather than finding the missing number (finding out what the whole is if 10% is 200).

The mistake Eva has made is, it is 10% of something = 200. So if 10% of something is 200 you need to times 10%, (200) by 10 and I know to times a whole number by 10 you need to add a 0 on the end, and 200 with an extra 0 is 2000.

10% of the number is 200 so you don't need to divide the number again what you need to do is because 10% of the number is 200 you times the number by ten because  $10 \times 10 = 100$  (100% in this case) getting 2000 as you answer.

Well done to the 68 people  
who completed the maths  
assessment on Wednesday!

I want to see even more of  
you completing it next week.

Good luck!  
See you next week.