

## Writing one quantity as a percentage of another

Master  
The  
Basics



Use a ratio table to help you to answer the following questions:

- 1) Alex got 32 out of 80 on a Maths test. What was his percentage score?

32							
80							

Answer:

- 2) Julia got 48 out of 80 on the same test. What was her percentage score?

48							
80							

Answer:

- 3) Alex got 48 out of 60 on a Science test. What was his percentage score?

48							
60							

Answer:

- 4) Which test did Alex do better in? Explain your answer.

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Answer:

- 5) During football training, Tom scored 3 goals in 5 shots and Sam scored 12 goals in 15 shots. Convert their scores to percentages and decide who should take the penalty shots in their upcoming match.

Tom

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Sam

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Answer:

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Use a ratio table to help you to answer the following questions:

- 1) Alex got 32 out of 80 on a Maths test. What was his percentage score?

32	16	8	40				
80	40	20	100				

Answer:  
40%

- 2) Julia got 48 out of 80 on the same test. What was her percentage score?

48	24	12	60				
80	40	20	100				

Answer:  
60%

- 3) Alex got 48 out of 60 on a Science test. What was his percentage score?

48	24	8	80				
60	30	10	100				

Answer:  
80%

- 4) Which test did Alex do better in? Explain your answer.

Alex scored 40% on the Maths test and 80% on the Science test, so he did much better on the Science test.

Answer:  
Science

- 5) During football training, Tom scored 3 goals in 5 shots and Sam scored 12 goals in 15 shots. Convert their scores to percentages and decide who should take the penalty shots in their upcoming match.

Tom	3	6	60				
	5	10	100				
Sam	12	4	80				
	15	5	100				

Answer:  
Tom 60%  
Sam 80%