

True or false?

multiplication and
division
4

➤ $12 \times 6 = 9 \times 8$

True or false?

Explain your answer.

True or false?

multiplication and
division
4

- If I know my multiplication facts, I can work out
 $132 \div 11 =$

True or false?

Explain your answer.

True or false?

multiplication and
division
4

➤ $122 \div 2 = 8 \times 8$

True or false?

Explain your answer.

True or false?

multiplication and
division
4

- If I divide any whole number by an even number, the answer will be even.

True or false?

Explain your answer.

True or false?

multiplication and
division
4

- I have 300 cakes and 9 plates. There will be an even amount of cakes on each plate.

True or false?

Explain your answer.

Spot the mistake

multiplication and
division
4

- Look at the number sentences.
Can you spot the mistake?

$$24 \div 2 = 12$$

$$12 \div 84 = 7$$

$$60 \div 12 = 5$$

Explain the mistake.

Spot the mistake

multiplication and
division
4

➤ Can you spot the mistake Jenna has made?

$$1000 \times 8 = 8000$$

$$3 \times 100 = 3000$$

$$6 \times 1000 = 6a000$$

Explain the mistake she has made.

Spot the mistake

multiplication and
division
4

➤ Harry has written the factor pairs of 50. Has he made any mistakes?

10 and 5

25 and 2

0 and 50

5 and 10

Explain any mistakes you spot.

Spot the mistake

multiplication and
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- Cara and Helen are arguing. Who has made the mistake?

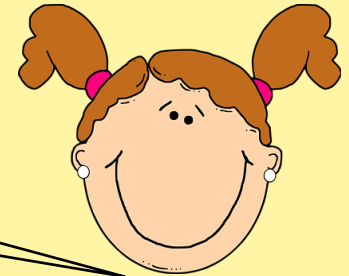


Cara

$$6 \times 49 = 283$$

No!

$$6 \times 49 = 294$$



Helen

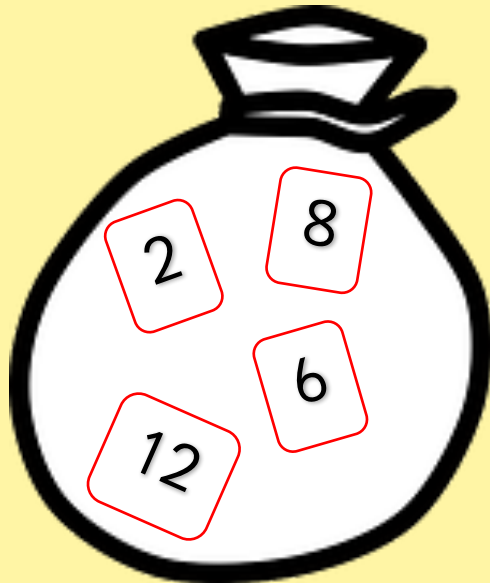
Explain your answer.

Spot the mistake

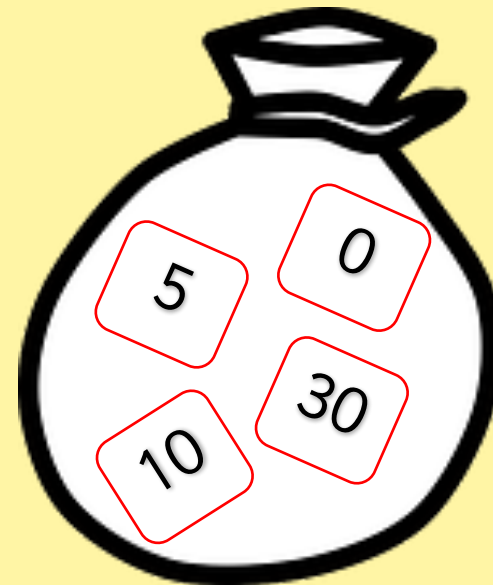
multiplication and
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➤ How many mistakes can you spot?

Factors of 24 and 12



Factors of 30 and 10



Always, sometimes or never true?

multiplication and
division

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➤ Multiples of 1000 have 4 digits.

Always, sometimes or never true?

Prove your answer.

Always, sometimes or never true?

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- A number ending in 3 will be divisible by 3.

Always, sometimes or never true?

Prove your answer.

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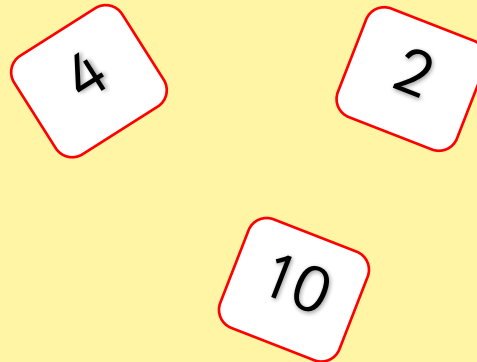
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➤ The sum of 3 odd numbers will be divisible by 7.

Always, sometimes or never true?

Prove your answer.

- Harry has written the factors of a number below. What number could it be? Could it be more than one number?



➤ Tick the right calculation and explain how you know it's correct.

$$4 \times 235 = 940 \quad \square$$

$$212 \times 5 = 1000 \quad \square$$

$$137 \times 6 = 844 \quad \square$$

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10 and 5 25 and 2

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Cara and Helen are arguing. Who has made the mistake?

$6 \times 49 = 283$

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Prove it

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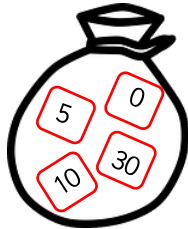
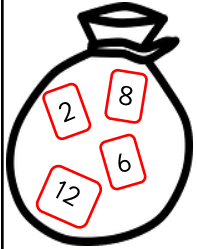
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How many mistakes can you spot?

Factors of 24 and 12

Factors of 30 and 10



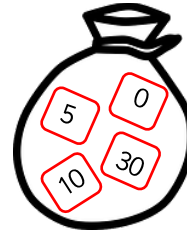
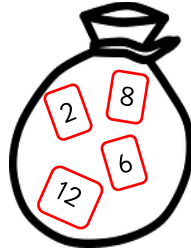
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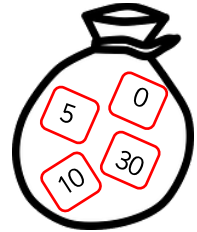
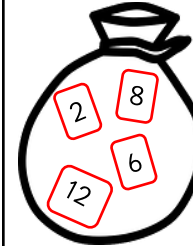
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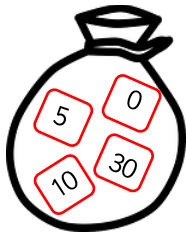
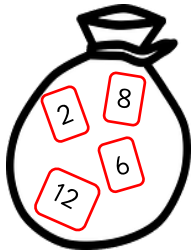
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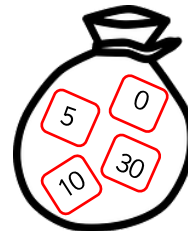
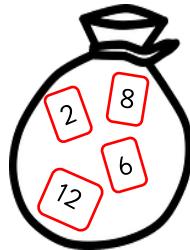


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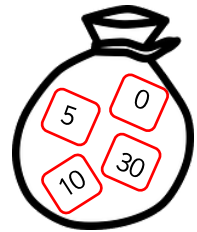
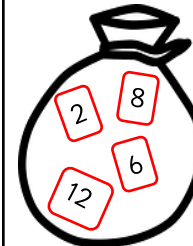
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Always, sometimes, never true?

Multiplication and
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Multiples of 1000 have 4 digits.

- Always true
- Sometimes true
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Prove your answer.

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The sum of 3 odd numbers will be divisible
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