

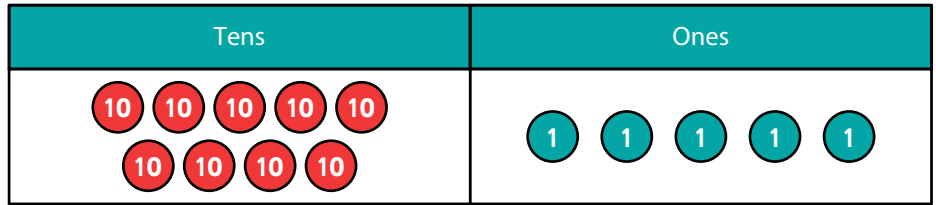
# Multiplying by 10

$$2 + 2 = 4$$

Fluency



1) a) Multiply the number shown below by 10.



$$\underline{\quad\quad} \times 10 = \underline{\quad\quad}$$

b) Solve these calculations.

$$45 \times 10 =$$

$$12 \times 10 =$$

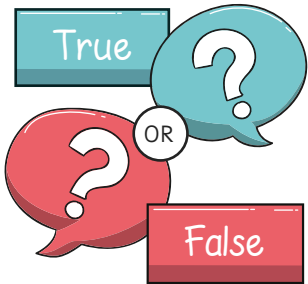
$$52 \times 10 =$$

$$39 \times 10 =$$

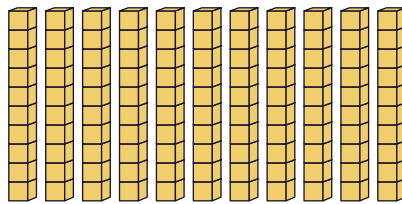
$$98 \times 10 =$$

$$7 \times 10 =$$

# Multiplying by 10



2) Identify whether the answer is true or false. If the answer is false, write the correct answer underneath.



$$11 \times 10 = 111$$

True False

\_\_\_\_\_

True False

\_\_\_\_\_

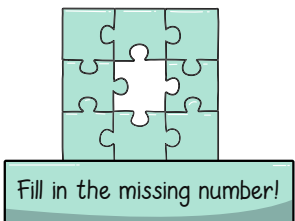
Anita buys 23 packets of stickers. In each pack there are 10 stickers. She thinks that she will have 230 stickers.

True False

\_\_\_\_\_

Paul thinks that 10 lots of 12 added to 10 lots of 25 equals 307.

# Multiplying by 10



3) Complete the missing numbers below.

$$73 \times \square = 730$$

$$10 \times \square = 480$$

$$10 \times \square = 950$$

$$\square \times 5 \times 2 \times \square = 680$$



# Multiplying by 10

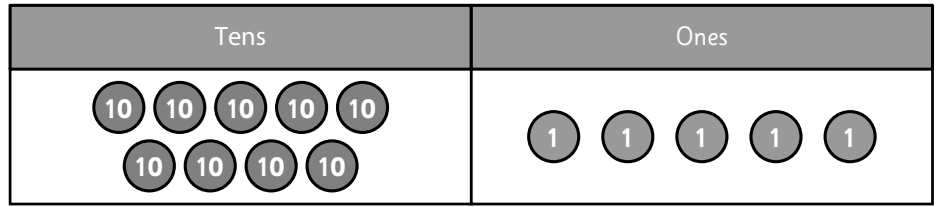
$$2 + 2 = 4$$

Fluency



ANSWERS

1) a) Multiply the number shown below by 10.



$$\underline{95} \times 10 = \underline{950}$$

b) Solve these calculations.

$$45 \times 10 = 450$$

$$12 \times 10 = 120$$

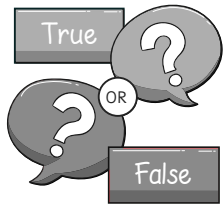
$$52 \times 10 = 520$$

$$39 \times 10 = 390$$

$$98 \times 10 = 980$$

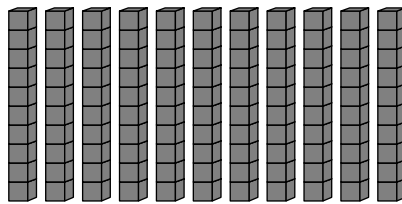
$$7 \times 10 = 70$$

# Multiplying by 10



ANSWERS

2) Identify whether the answer is true or false. If the answer is false, write the correct answer underneath.



$$11 \times 10 = 111$$

True  False  
110

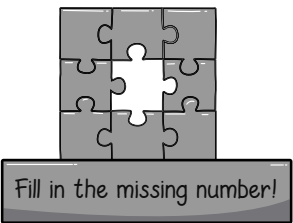
Anita buys 23 packets of stickers. In each pack there are 10 stickers. She thinks that she will have 230 stickers.

True  False  
\_\_\_\_\_

Paul thinks that 10 lots of 12 added to 10 lots of 25 equals 307.

True   False  
370

# Multiplying by 10



ANSWERS

3) Complete the missing numbers below.

$$\boxed{73} \times \boxed{10} = \boxed{730}$$

$$\boxed{10} \times \boxed{48} = \boxed{480}$$

$$\boxed{10} \times \boxed{95} = \boxed{950}$$

$$\boxed{5} \times \boxed{2} \times \boxed{68} = \boxed{680}$$

## Multiplying by 10



Explanation



ANSWERS

- 4) Tarik has made a mistake with his calculation.  
Explain the mistake he has made.

$$45 \times 10 = 55$$



**Tarik has added the two numbers instead of multiplying. The answer should be 450.**

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## Multiplying by 10

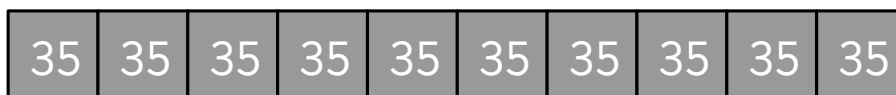


Find all of the possibilities!



ANSWERS

- 5) Here is a bar model that has been used to help solve a word problem.



A tin of biscuits has 35 biscuits in it. The head teacher buys ten boxes ready for parents evening. How many biscuits are there in total?

350

Create your own word problem and draw a bar model to show how to solve it for the calculations below.

$$19 \times 10 = 190$$

## Multiplying by 10



Explanation



ANSWERS

- 6)



I have bought 18 packets of small balloons and 7 packets of large balloons.

Small balloons  
x10

Large balloons  
x5

How many balloons do I have altogether?

$$180 \times 10 = 180$$

$$7 \times 5 = 35$$

$$180 + 35 = 215$$