

Divide by 10



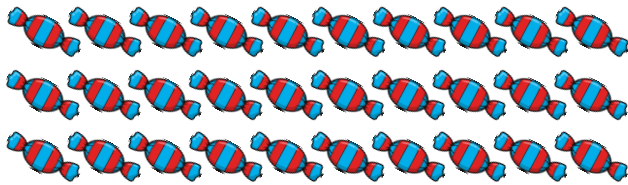
1 Complete the questions. You may use equipment to help you.

a Doughnuts are sold in packs of 10. How many packs can be made?



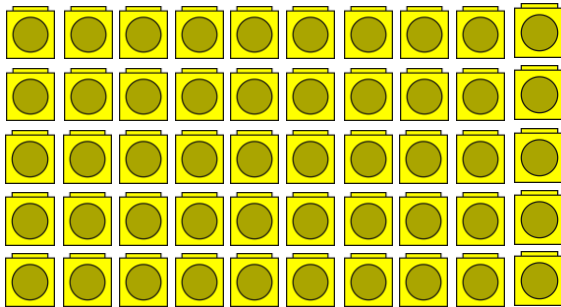
$$\boxed{20} \div \boxed{10} = \boxed{2}$$

b Sweets are sold in bags of 10. How many bags can be filled?



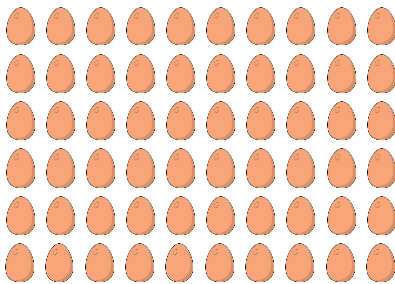
$$\boxed{30} \div \boxed{10} = \boxed{3}$$

c Towers are made from 10 cubes. How many towers can be made?



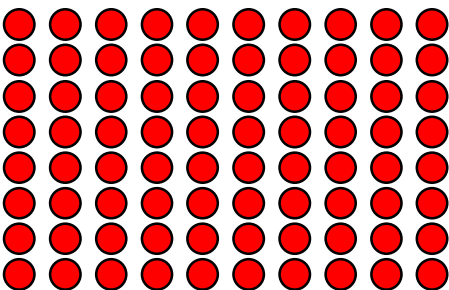
$$\boxed{50} \div \boxed{10} = \boxed{5}$$

d Eggs are sold in cartons of 10. How many cartons can be filled?



$$\boxed{60} \div \boxed{10} = \boxed{6}$$

e How many equal groups of 10 counters can be made?



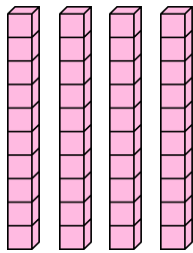
$$\boxed{80} \div \boxed{10} = \boxed{8}$$

Divide by 10

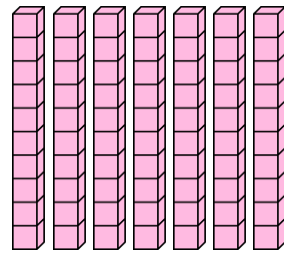


1 Answer the questions below.

a Complete the calculation.


$$\div 10 = \boxed{4}$$

b Complete the calculation.


$$\div 10 = \boxed{7}$$

c Use the multiplication calculation to create a division calculation.

$$5 \times 10 = 50$$

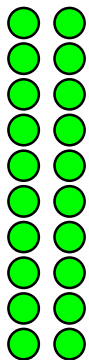
$$\boxed{50} \div \boxed{10} = \boxed{5}$$

d Use the multiplication calculation to create a division calculation.

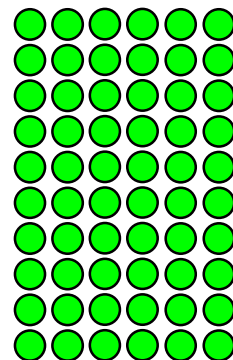
$$3 \times 10 = 30$$

$$\boxed{30} \div \boxed{10} = \boxed{3}$$

e Complete the calculation.


$$\div 10 = \boxed{2}$$

f Complete the calculation.


$$\div 10 = \boxed{6}$$

g Complete:

$$\text{ten} \div 10 = \boxed{1}$$

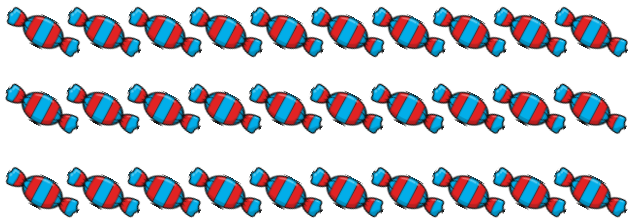
$$90 \div 10 = \boxed{9}$$

h Complete:

$$100 \div 10 = \boxed{10}$$

$$\text{Eighty} \div 10 = \boxed{8}$$

- 1 Sweets are sold in bags of 10.
How many bags can be filled? 3



$$\boxed{30} \div \boxed{10} = \boxed{3}$$

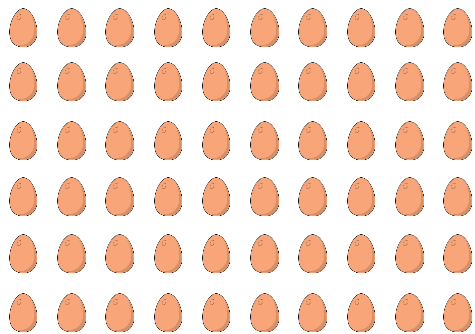
30 sweets are sold in bags of 10.

3 bags of sweets can be made.

Complete the bar model to show this.



- 2 Eggs are sold in cartons of 10.
How many cartons can be filled? 6

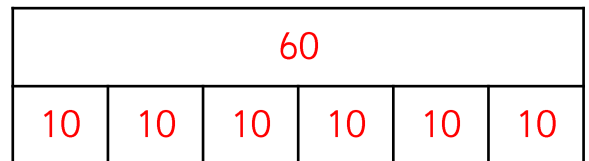


$$\boxed{60} \div \boxed{10} = \boxed{6}$$

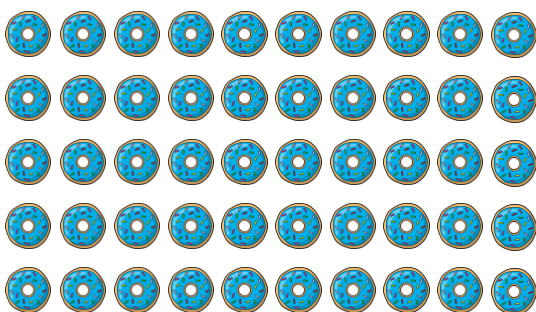
60 eggs are sold in cartons of 10.

6 cartons of eggs can be made.

Complete the bar model to show this.



- 3 Doughnuts are sold in boxes of 10.
How many boxes can be filled? 5

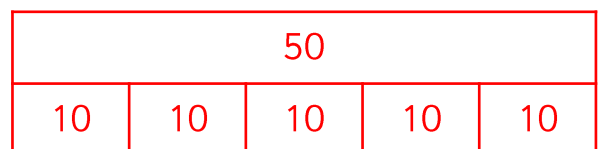


$$\boxed{50} \div \boxed{10} = \boxed{5}$$

50 doughnuts are sold in boxes of 10.

5 boxes of doughnuts can be made.

Draw a bar model below to show this.

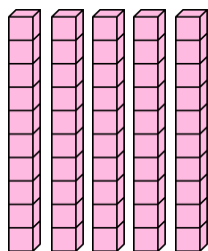


Divide by 10

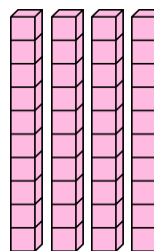


1 Answer the questions below.

a Complete the calculation.


$$\div 10 = \boxed{5}$$

b Complete the calculation.


$$\div 10 = \boxed{4}$$

c Use the multiplication calculation to create 2 division calculations.

$$9 \times 10 = 90$$

$$\boxed{90} \div \boxed{10} = \boxed{9}$$

$$\boxed{90} \div \boxed{9} = \boxed{10}$$

d Use the multiplication calculation to create 2 division calculations.

$$3 \times 10 = 30$$

$$\boxed{30} \div \boxed{10} = \boxed{3}$$

$$\boxed{30} \div \boxed{3} = \boxed{10}$$

e Complete:

$$\text{ten} \div 10 = \boxed{1}$$

$$60 \div 10 = \boxed{6}$$

f Complete:

$$100 \div 10 = \boxed{10}$$

$$\text{seventy} \div 10 = \boxed{7}$$

2 Circle the mistake.

A $70 \div 10 = \boxed{7}$

B Sixty $\div 10 = \boxed{6}$

C There are $\boxed{7}$ tens in 80.

Explain your answer.

The mistake is C.

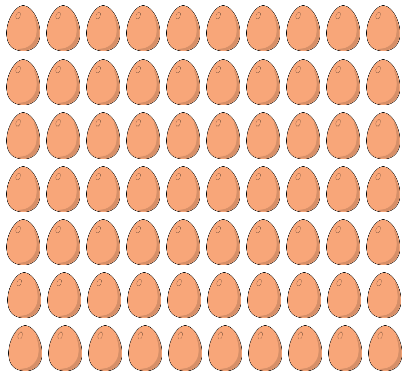
There are 8 tens in 80 (not 7).

Divide by 10



1 Complete the questions.

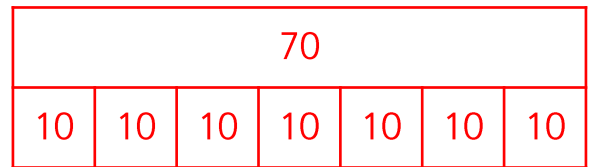
Eggs are sold in cartons of 10.
How many cartons can be filled? 7



$$\boxed{70} \div \boxed{10} = \boxed{7}$$

When 70 eggs are sold in cartons of 10,
7 cartons of eggs can be made.

Draw a bar model below to show this.



2 I have 60p in my pocket in 10p coins.
How many coins do I have? Draw coins to show this, then complete the calculations.



$$\boxed{60} \div \boxed{10} = \boxed{6}$$

$$\boxed{6} \times \boxed{10} = \boxed{60}$$

3 Complete:

a $70 \div 10 =$

b Seventy \div ten =

c There are tens in 70.

a 90 \div 10 =

b Ninety \div ten =

c There are tens in 90.

a 40 \div 10 =

b Forty \div ten =

c There are tens in 40.

a $0 \div 10 =$

b Zero \div ten =

c There are tens in 0.

Divide by 10



Reasoning and problem solving challenge cards:

Mrs Roberts has 70 cookies.
She shares them between 7 plates.
Which calculation describes this?



- 70×7
- $70 - 10$
- 70×10
- $70 \div 10$ ✓

Write your own story and calculation.

Ben says,



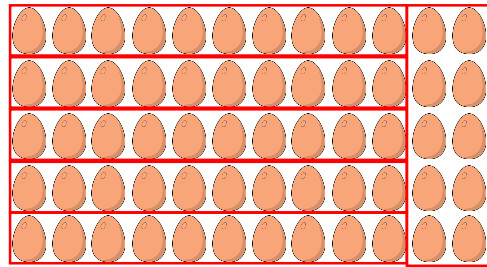
I know that
 $3 \times 10 = 30$ and I also
know that $30 \div 10 = 30$.

Is Ben correct?

Explain how you know.

No Ben is not correct.
 $30 \div 10 = 3$ not 30 as Dan stated.

Eggs are sold in cartons of 10.
Group the eggs below in 10s.



Ben

There are 10 groups of 6
so we need 10 cartons.



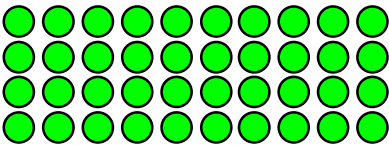
Beth

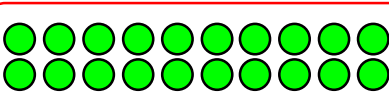
There are 6 groups of 10
so we need 6 cartons.

Who is correct? Explain your answer.

There are 60 eggs in total so $60 \div 10 = 6$.
Beth is correct as there are 6 groups of 10
eggs.

Circle the incorrect calculation.

A  $\div 10 =$

B  $\div 10 =$

Explain how you know.

B is incorrect the answer should be 2 as $20 \div 10 = 2$

Circle the mistake.

A sixty \div ten =

B One hundred \div ten =

C There are tens in ninety.

Explain how you know. There are 6 tens in 60.
The answer should be 6.

Circle the mistake.

A $70 \div 10 =$

B $60 \div 10 =$

C There are 10s in 80.

Explain how you know. There are 8 tens in 80.
The answer should be 8.

Mo says,



If I know that
 $9 \times 10 = 90$ I also
know that $90 \div 10 = 9$.

Is Mo correct?

Explain how you know.

Yes Mo is correct.
 $90 \div 10 = 9$ as he stated.