Dividing by 10

Dividing by **10** is the same as **sharing** equally between **ten**.

10 strawberry chunks are shared equally between **10** girls.
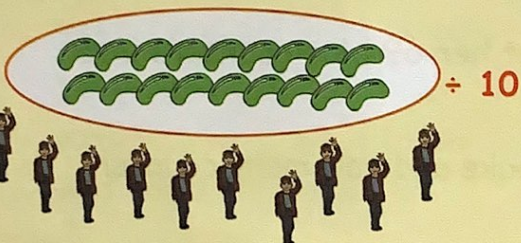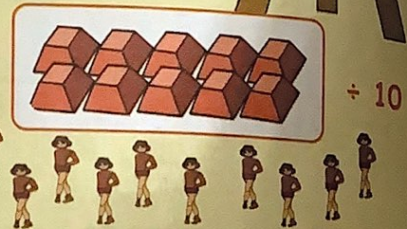
All **10** get **1** strawberry chunk each.

We say that **10 divided by 10 = 1**.

or   **10 ÷ 10 = 1**

20 jelly beans are shared equally between **10** boys.

They all get **2** jelly beans each.

We say that **20 divided by 10 = 2**.

or   **20 ÷ 10 = 2**

* Note :-   30 ÷ 10 = 3̸0̸ ÷ 1̸0̸ = 3.

When you **divide by 10**, simply **remove the 0 from the end** !

Exercise 5

1. **Write** out your **10 times** table and use it to help in this exercise

2. Use the quick, easy method of **removing the 0** to find :-

    a $60 \div 10 = \ldots$

    b $40 \div 10 = \ldots$

    c $20 \div 10 = \ldots$

    d $70 \div 10 = \ldots$

    e $10 \div 10 = \ldots$

    f $90 \div 10 = \ldots$

3. Find the missing numbers :-

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

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

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

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

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

    f $\boxed{} \div 10 = 10.$

4. Try these questions **mentally**.

a (i) How many £10 notes would I get for £70 ?

(ii) How many 10p coins would I get for 50 pence ?

b Fireworks come in boxes of 10.

If Harry wants 80 fireworks, how many boxes will he need to buy ?

c Rebecca paid 60p for cupcakes which the bakers were selling off at 10p each.

How many did she buy ?

d 30 balloons were shared equally between 10 kids.

How many did each get ?

e The Cash and Carry warehouse were selling cans of diet cola in trays of 10 cans.

If a shopper wanted to buy 140 cans, how many trays should she pick up ?

5. **Copy** and **complete** by **removing** the last zero :-

a $80 \div 10 = ...$

b $40 \div 10 = ...$

c $100 \div 10 = ...$

d $130 \div 10 = ...$

e $190 \div 10 = ...$

f $210 \div 10 = ...$

g $250 \div 10 = ...$

h $320 \div 10 = ...$

i $360 \div 10 = ...$

j $400 \div 10 = ...$

k $410 \div 10 = ...$

l $480 \div 10 = ...$

6. Kevin bought a computer for £1200.

He paid £200 on the day he bought it and paid the rest of what he owed over 10 months.

How much did he have to pay every month ?