

Teaching revision: Day 1

Find $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ of amounts by sharing

Day 1: Finding $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ of amounts by sharing.

Look! I have 10 sweets.

I am feeling generous today and want to give Tom **half**. Let's use cubes to work out the answer.



We could share 10 into 2 equal piles.

$$\frac{1}{2} \text{ of } 10 = 5$$

Or just know that half of 10 is 5.

Day 1: Finding $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ of amounts by sharing.

Now I have 8 sweets.

I'm not feeling quite so generous though, and I'm only going to give Ellie $\frac{1}{4}$ of my 8 sweets.



We could share 8 into 4 equal piles.

$$\frac{1}{4} \text{ of } 8 = 2$$

Or just know that A quarter of 8 is 2.

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Day 1: Finding $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ of amounts by sharing.

This time I have 12 sweets and am going to give Khalil $\frac{1}{3}$ - one third - of them.

How many will he get?



$\frac{1}{3}$ of 12 = 4

Now choose a practice sheet to suit you.

You can select Sheet 1 (easier) or Sheet 2 (harder).

Teaching revision: Day 2

Find $\frac{1}{2}$ and $\frac{1}{4}$ of amounts by using number facts and sharing

Day 2: Find $\frac{1}{2}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.

I have 16 pens here and we are allowed to keep a quarter.
How many pens is that?

?

Use 16 cubes to try to work this out.



?

What would half of 16 be?

8

To find $\frac{1}{4}$ we just need to halve again, because a $\frac{1}{4}$ is half of a $\frac{1}{2}$!

4

Day 2: Find $\frac{1}{2}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.

Now I have 20 pens and we are allowed a $\frac{1}{4}$.
How many pens can we keep?

Use 20 cubes to try to work this out.



What is $\frac{1}{2}$ of 20?

10

?

To find $\frac{1}{4}$ we just need to half again.

So, what is $\frac{1}{4}$ of 20?

5

?

Now complete the practice sheet to suit you. You can use dried beans, pennies or beads to help. Try the challenge.

Teaching revision: Day 3

Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing

Day 3: Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.



I have 2 cakes and 12 sweets.
I want to put half the sweets
on one cake and half on the
other.

How many sweets will
there be on each
cake?



Day 3: Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.



There are 6
sweets on each
cake!

We can also use
number facts...
We know that half of
12 is 6, because
double 6 is 12!

Teaching revision: Day 3

Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing

Day 3: Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.



Now I have 4 cakes and 12 sweets. I want $\frac{1}{4}$ of the sweets on each cake.

How many sweets will there be on each cake?



Day 3: Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.

Half of 12 is 6 and half again is 3, so $\frac{1}{4}$ of 12 is 3!

This time I have 3 sweets on each cake so $\frac{1}{4}$ of 12 must be 3!



Teaching revision: Day 3

Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing

Day 3: Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.



I need to find $\frac{1}{3}$ of 12. Does anybody know a number fact that could help?

How many sweets will there be on each cake now?

Day 3: Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of amounts by using number facts and sharing.



$\frac{1}{3}$ of 12 is 4.

Now choose a practice sheet to suit you.

You can select Sheet 1 (easier) or Sheet 2 (harder).