

Work in pairs

Things you will need:

- A pencil
- Cake picture
- 40 chocolate buttons or counters



What to do:

Share the chocolate buttons between the quarters on the cake to help you to answer these questions.

$\frac{1}{4}$ of 8 is

$\frac{1}{2}$ of 8 is

$\frac{3}{4}$ of 8 is

$\frac{1}{4}$ of 28 is

$\frac{1}{2}$ of 28 is

$\frac{3}{4}$ of 28 is

$\frac{1}{4}$ of 16 is

$\frac{1}{2}$ of 16 is

$\frac{3}{4}$ of 16 is

$\frac{1}{4}$ of 32 is

$\frac{1}{2}$ of 32 is

$\frac{3}{4}$ of 32 is

$\frac{1}{4}$ of 24 is

$\frac{1}{2}$ of 24 is

$\frac{3}{4}$ of 24 is

$\frac{1}{4}$ of 40 is

$\frac{1}{2}$ of 40 is

$\frac{3}{4}$ of 40 is

S-t-r-e-t-c-h:

Think of other numbers of chocolate buttons that you could place on the cake, so that there is the same number of buttons in each quarter.

You are not allowed to cut up any buttons!

Learning outcomes:

- I can find $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ of amounts (whole number answers).
- I understand that $\frac{3}{4}$ is the same as $\frac{6}{8}$.
- I am beginning to see that we can share numbers in the 4 times table into quarters (whole number answers).