PERCENTAGES · AGES 5–7

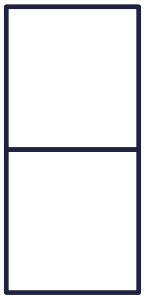
Colour the fraction

Acorn & Ink

Colour the right number of equal parts in each shape.

Name _____ Date _____ Score _____ / 9

Colour $\frac{1}{2}$



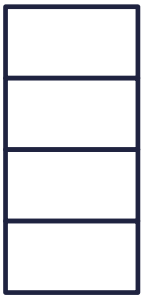
$\frac{1}{2}$ is the same as **50%**

Colour $\frac{1}{2}$



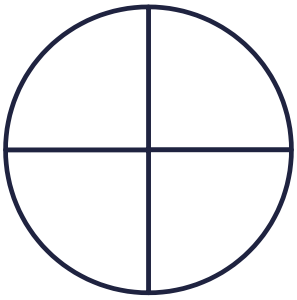
$\frac{1}{2}$ is the same as **50%**

Colour $\frac{1}{4}$



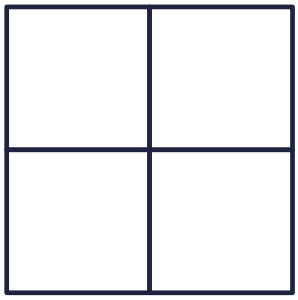
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{4}$



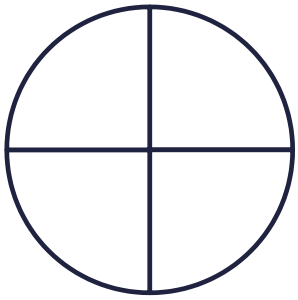
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{2}{4}$



$\frac{2}{4}$ is the same as **50%**

Colour $\frac{3}{4}$



$\frac{3}{4}$ is the same as **75%**

Colour $\frac{2}{4}$



$\frac{2}{4}$ is the same as **50%**

Colour $\frac{3}{4}$



$\frac{3}{4}$ is the same as **75%**

Colour $\frac{1}{3}$



PERCENTAGES · AGES 5–7

Colour the fraction

Acorn & Ink

Colour the right number of equal parts in each shape.

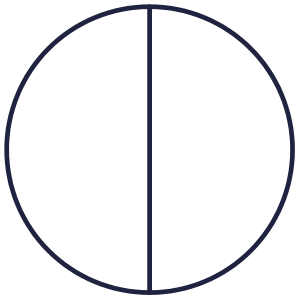
Name _____ Date _____ Score _____ / 9

Colour $\frac{1}{4}$



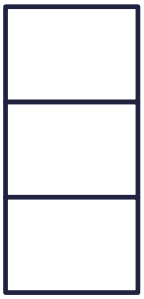
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{2}$

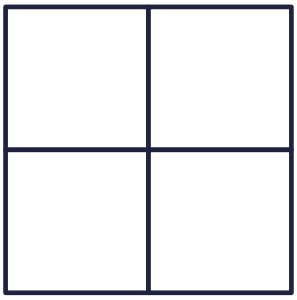


$\frac{1}{2}$ is the same as **50%**

Colour $\frac{1}{3}$

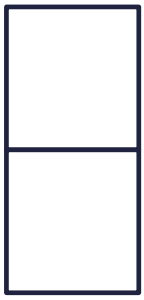


Colour $\frac{1}{4}$



$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{2}$



$\frac{1}{2}$ is the same as **50%**

Colour $\frac{2}{4}$



$\frac{2}{4}$ is the same as **50%**

Colour $\frac{1}{4}$



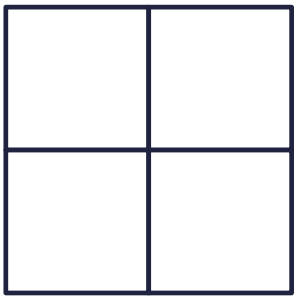
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{2}$



$\frac{1}{2}$ is the same as **50%**

Colour $\frac{3}{4}$



$\frac{3}{4}$ is the same as **75%**

PERCENTAGES · AGES 5–7

Halves and quarters

Share the dots into equal groups. Circle one group, then write how many.

Name _____ Date _____ Score _____ / 8

Half of 14 ($\frac{1}{2}$, or 50%)



= _____

Half of 10 ($\frac{1}{2}$, or 50%)

= _____

Half of 16 ($\frac{1}{2}$, or 50%)



= _____

A quarter of 20 ($\frac{1}{4}$, or 25%)



= _____

A quarter of 12 ($\frac{1}{4}$, or 25%)



= _____

Half of 6 ($\frac{1}{2}$, or 50%)



= _____

A quarter of 4 ($\frac{1}{4}$, or 25%)



= _____

A quarter of 16 ($\frac{1}{4}$, or 25%)



= _____

COLOUR BY SUM · HALVES AND QUARTERS

What's the mystery picture?

Acorn & Ink

Work out each sum. Find the answer in the key and colour the square that colour.

2 dark blue 3 leave white 5 red 6 orange

8 pink 9 yellow 10 brown

¼ of 12	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	½ of 6	¼ of 12	½ of 6	¼ of 12
¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	¼ of 12	¼ of 20	½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 12	½ of 6	½ of 6
½ of 6	½ of 6	¼ of 12	½ of 6	¼ of 12	½ of 16	¼ of 32	¼ of 32	½ of 6	¼ of 12	¼ of 12	¼ of 12	¼ of 12	½ of 6
½ of 6	½ of 6	½ of 6	¼ of 12	¼ of 32	½ of 16	½ of 16	¼ of 32	¼ of 32	½ of 16	¼ of 12	¼ of 12	¼ of 12	¼ of 12
¼ of 12	¼ of 12	¼ of 12	¼ of 32	½ of 16	¼ of 32	½ of 18	½ of 16	½ of 16	½ of 16	¼ of 32	¼ of 12	¼ of 12	½ of 6
½ of 6	½ of 6	½ of 16	½ of 16	¼ of 32	½ of 16	¼ of 32	¼ of 32	¼ of 32	½ of 16	¼ of 8	½ of 16	½ of 6	½ of 6
¼ of 12	½ of 16	½ of 16	½ of 18	½ of 16	¼ of 32	¼ of 32	¼ of 32	¼ of 32	¼ of 32	½ of 16	¼ of 32	¼ of 32	¼ of 12
½ of 6	½ of 16	¼ of 32	½ of 16	¼ of 32	¼ of 32	½ of 16	½ of 4	¼ of 32	½ of 16	¼ of 32	¼ of 36	¼ of 32	¼ of 12
½ of 6	¼ of 12	½ of 12	¼ of 40	½ of 12	½ of 12	¼ of 40	½ of 12	¼ of 24	¼ of 40	½ of 12	½ of 12	¼ of 12	¼ of 12
¼ of 12	½ of 6	½ of 12	½ of 20	½ of 12	½ of 12	¼ of 40	¼ of 24	¼ of 24	¼ of 40	¼ of 24	¼ of 24	½ of 6	¼ of 12
¼ of 12	½ of 6	¼ of 12	½ of 12	¼ of 40	¼ of 24	¼ of 24	¼ of 40	¼ of 24	¼ of 24	¼ of 40	¼ of 12	¼ of 12	½ of 6
¼ of 12	½ of 6	¼ of 12	½ of 12	½ of 20	½ of 12	½ of 12	½ of 20	¼ of 24	½ of 12	½ of 20	½ of 6	½ of 6	½ of 6
½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 24	¼ of 24	¼ of 24	½ of 12	½ of 12	¼ of 24	½ of 6	½ of 6	¼ of 12	½ of 6
¼ of 12	¼ of 12	½ of 6	½ of 6	¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	½ of 6	¼ of 12	¼ of 12	¼ of 12
½ of 6	¼ of 12	½ of 6	¼ of 12	¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 12
¼ of 12	¼ of 12	¼ of 12	½ of 6	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 12	½ of 6

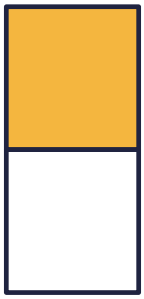
Colour the fraction

Acorn & Ink

Answers are shown in red.

Name _____ Date _____

Colour $\frac{1}{2}$



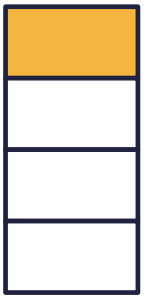
$\frac{1}{2}$ is the same as **50%**

Colour $\frac{1}{2}$



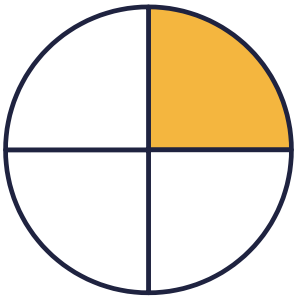
$\frac{1}{2}$ is the same as **50%**

Colour $\frac{1}{4}$



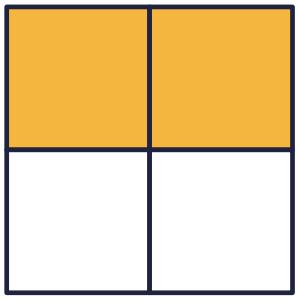
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{4}$



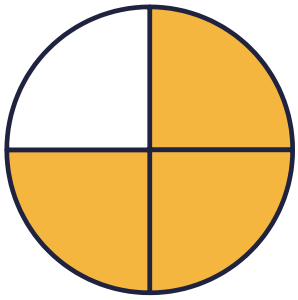
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{2}{4}$



$\frac{2}{4}$ is the same as **50%**

Colour $\frac{3}{4}$



$\frac{3}{4}$ is the same as **75%**

Colour $\frac{2}{4}$



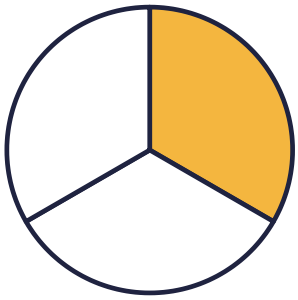
$\frac{2}{4}$ is the same as **50%**

Colour $\frac{3}{4}$



$\frac{3}{4}$ is the same as **75%**

Colour $\frac{1}{3}$



Colour the fraction

Answers are shown in red.

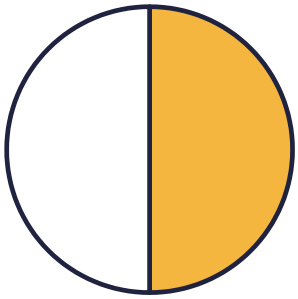
Name _____ Date _____

Colour $\frac{1}{4}$



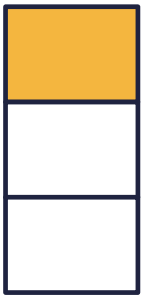
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{2}$

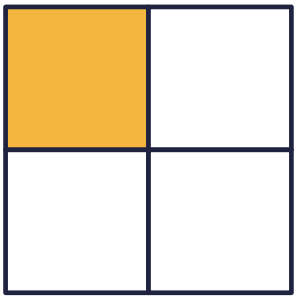


$\frac{1}{2}$ is the same as **50%**

Colour $\frac{1}{3}$

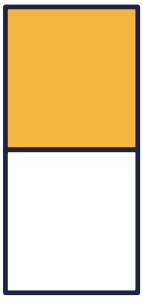


Colour $\frac{1}{4}$



$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{2}$



$\frac{1}{2}$ is the same as **50%**

Colour $\frac{2}{4}$



$\frac{2}{4}$ is the same as **50%**

Colour $\frac{1}{4}$



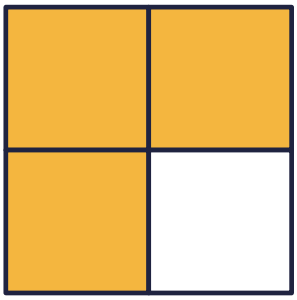
$\frac{1}{4}$ is the same as **25%**

Colour $\frac{1}{2}$



$\frac{1}{2}$ is the same as **50%**

Colour $\frac{3}{4}$



$\frac{3}{4}$ is the same as **75%**

Halves and quarters

Acorn & Ink

Answers are shown in red.

Name _____ Date _____

Half of 14 ($\frac{1}{2}$, or 50%) ○○○○○○○○○○○○○○ = **7**

Half of 10 ($\frac{1}{2}$, or 50%) ○○○○○○○○○○ = **5**

Half of 16 ($\frac{1}{2}$, or 50%) ○○○○○○○○○○○○○○○○ = **8**

A quarter of 20 ($\frac{1}{4}$, or 25%) ○○○○○○○○○○○○○○○○○○○○ = **5**

A quarter of 12 ($\frac{1}{4}$, or 25%) ○○○○○○○○○○○○ = **3**

Half of 6 ($\frac{1}{2}$, or 50%) ○○○○○○ = **3**

A quarter of 4 ($\frac{1}{4}$, or 25%) ○○○○ = **1**

A quarter of 16 ($\frac{1}{4}$, or 25%) ○○○○○○○○○○○○○○○○ = **4**

Acorn & Ink

It's a cupcake!

Here's how the finished picture looks.

2 dark blue 3 leave white 5 red 6 orange

8 pink 9 yellow 10 brown

¼ of 12	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	½ of 6	¼ of 12	½ of 6	¼ of 12
¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	¼ of 12	¼ of 20	½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 12	½ of 6	½ of 6
½ of 6	½ of 6	¼ of 12	½ of 6	¼ of 12	½ of 16	¼ of 32	¼ of 32	½ of 6	¼ of 12	¼ of 12	¼ of 12	¼ of 12	½ of 6
½ of 6	½ of 6	½ of 6	¼ of 12	¼ of 32	½ of 16	½ of 16	¼ of 32	¼ of 32	½ of 16	¼ of 12	¼ of 12	¼ of 12	¼ of 12
¼ of 12	¼ of 12	¼ of 12	¼ of 32	½ of 16	¼ of 32	½ of 18	½ of 16	½ of 16	½ of 16	¼ of 32	¼ of 12	¼ of 12	½ of 6
½ of 6	½ of 6	½ of 16	½ of 16	¼ of 32	½ of 16	¼ of 32	¼ of 32	¼ of 32	½ of 16	¼ of 8	½ of 16	½ of 6	½ of 6
¼ of 12	½ of 16	½ of 16	½ of 18	½ of 16	¼ of 32	¼ of 32	¼ of 32	¼ of 32	¼ of 32	½ of 16	¼ of 32	¼ of 32	¼ of 12
½ of 6	½ of 16	¼ of 32	½ of 16	¼ of 32	¼ of 32	½ of 16	½ of 4	¼ of 32	½ of 16	¼ of 32	¼ of 36	¼ of 32	¼ of 12
½ of 6	¼ of 12	½ of 12	¼ of 40	½ of 12	½ of 12	¼ of 40	½ of 12	¼ of 24	¼ of 40	½ of 12	½ of 12	¼ of 12	¼ of 12
¼ of 12	½ of 6	½ of 12	½ of 20	½ of 12	½ of 12	¼ of 40	¼ of 24	¼ of 24	¼ of 40	¼ of 24	¼ of 24	½ of 6	¼ of 12
¼ of 12	½ of 6	¼ of 12	½ of 12	¼ of 40	¼ of 24	¼ of 24	¼ of 40	¼ of 24	¼ of 24	¼ of 40	¼ of 12	¼ of 12	½ of 6
¼ of 12	½ of 6	¼ of 12	½ of 12	½ of 20	½ of 12	½ of 12	½ of 20	¼ of 24	½ of 12	½ of 20	½ of 6	½ of 6	½ of 6
½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 24	¼ of 24	¼ of 24	½ of 12	½ of 12	¼ of 24	½ of 6	½ of 6	¼ of 12	½ of 6
¼ of 12	¼ of 12	½ of 6	½ of 6	¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	½ of 6	¼ of 12	¼ of 12	¼ of 12
½ of 6	¼ of 12	½ of 6	¼ of 12	¼ of 12	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 12
¼ of 12	¼ of 12	¼ of 12	½ of 6	½ of 6	¼ of 12	¼ of 12	¼ of 12	½ of 6	¼ of 12	½ of 6	½ of 6	¼ of 12	½ of 6