

Fractions Challenge Cards

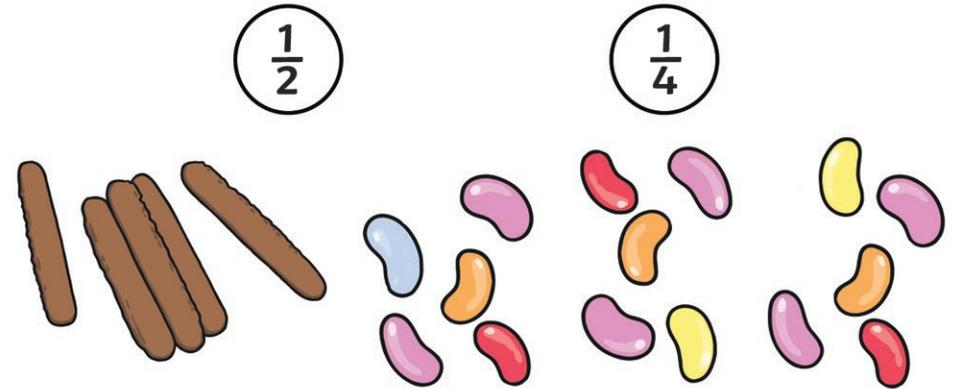
Harry's guinea pig is 14cm long. Theo says that his hamster is $\frac{1}{2}$ as long. How long is Theo's hamster?



Fractions Challenge Cards

Which of the fractions is shown in the picture?

Explain your thinking.



Fractions Challenge Cards

Would you rather have?

$\frac{3}{4}$ of 24p or $\frac{1}{3}$ of 30p?

Explain your thinking.

Can you make up a challenge for a friend?



Fractions Challenge Cards

Can you complete the sentences?

$$\frac{1}{2} \text{ of } 12 = \dots\dots$$

$$\frac{1}{2} \text{ of } \dots\dots = 9$$

$$\frac{2}{4} \text{ of } 12 = \dots\dots$$

$$\dots\dots \text{ of } 18 = 6$$

$$\frac{1}{3} \text{ of } 12 = \dots\dots$$

$$\frac{1}{4} \text{ of } \dots\dots = 4$$

$$\dots\dots \text{ of } 12 = 3$$

$$\frac{3}{4} \text{ of } \dots\dots = 12$$

$$\frac{3}{4} \text{ of } 12 = \dots\dots$$

$$\frac{2}{4} \text{ of } 18 = \dots\dots$$

Fractions Challenge Cards

Set 3 – Answer Sheet

Harry's guinea pig is 14cm long. Theo says that his hamster is $\frac{1}{2}$ as long. How long is Theo's hamster? **7cm**

Which of the fractions is shown in the picture? Explain your thinking. **$\frac{1}{4}$ – one quarter of the sweets are chocolate fingers.**

Would you rather have? $\frac{3}{4}$ of 24p or $\frac{1}{3}$ of 30p? Explain your thinking. **$\frac{3}{4}$ of 24p is 18p, which is great than $\frac{1}{3}$ of 30p, which is only 10p.**

Can you complete the sentences?

$$\frac{1}{2} \text{ of } 12 = 6$$

$$\frac{2}{4} \text{ of } 12 = 6$$

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

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

$$\frac{3}{4} \text{ of } 12 = 9$$

$$\frac{1}{2} \text{ of } 18 = 9$$

$$\frac{1}{3} \text{ of } 18 = 6$$

$$\frac{1}{4} \text{ of } 16 = 4$$

$$\frac{3}{4} \text{ of } 16 = 12$$

$$\frac{2}{4} \text{ of } 18 = 9$$