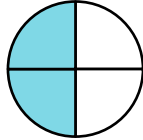
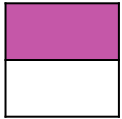
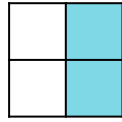
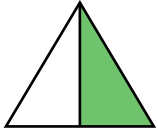
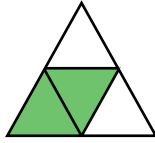
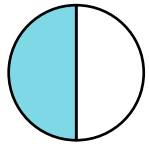


Equivalent Fractions 1

1. Match the shapes to their equivalent fraction.



2. Circle $\frac{1}{2}$ of the jewels.



Circle $\frac{2}{4}$ of the jewels.



3. Use $<$, $>$ or $=$ to finish the statements below. Prove it using the image below.

$\frac{2}{4}$ of $\frac{1}{2}$ of



4. Amina and George are looking at equivalent fractions.



Amina says,



The rectangles both show two fractions that are equivalent.

George says,

The fractions are not equivalent because they have a different number of parts shaded.



Who is correct? Explain your answer.

5. Zain has a packet of 16 biscuits. He gives $\frac{2}{4}$ of his biscuits to his Evie.

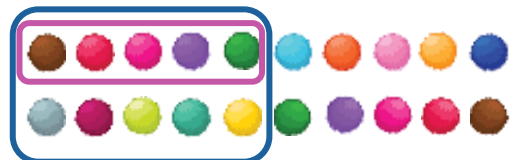
Evie has a packet of 12 cakes. She gives $\frac{1}{2}$ of her cakes Zain.



Who receives the most?

6. Billy is finding one half and two quarters by grouping the pom poms below. He says,

One half of the pom poms is 5. Two quarters of the pom poms is 10.



Find and explain the mistake that Billy has made.

Equivalent Fractions 1

1. Shapes should be matched to the same shape, eg. circle to circle.
2. 8 jewels circled for both questions.
3. $\frac{2}{4}$ of 12 = $\frac{1}{2}$ of 12; 6 of the buttons could be circled to prove this.
4. Amina is correct because $\frac{2}{4}$ and $\frac{1}{2}$ are equivalent fractions. George is incorrect because the same amount of both rectangles has been shaded, even though a different number of parts have been shaded.
5. Evie receives the most. Evie gets 8 biscuits and Zain gets 6 cakes.
6. Billy has found two quarters of the pom poms correctly because there are 20 in total. He has then found half of the two quarters and not the whole amount. Half of the pom poms is also 10.