L.O. To understand equivalent fractions. **S**quare **H**exagon Remember to/that:	**What I think**	**What my teacher thinks**
The denominator in the number on the bottom of the fraction (the equal part)	◯	◯
The numerator in the number on the top of the fraction (the number of equal parts)	◯	◯
Count the number of equal parts to find the denominator.	◯	◯
Count the number of parts that are being counted to find the numerator (e.g. the shaded parts).	◯	◯
Use knowledge of factors and multiples.	◯	◯
Do me first; The difference between the sides of one pentagon and the sides of one triangle; The sides of two hexagons divided by the sides of two triangles;		

1. $\frac{1}{2} = \frac{\square}{4}$	2. $\frac{1}{12} = \frac{\square}{24}$	3. $\frac{1}{10} = \frac{\square}{20}$	4. $\frac{1}{8} = \frac{\square}{16}$
5. $\frac{3}{20} = \frac{\square}{40}$	6. $\frac{1}{6} = \frac{\square}{12}$	7. $\frac{1}{5} = \frac{\square}{10}$	8. $\frac{1}{4} = \frac{\square}{16}$

Now please look at the tasks over the page;

For each set of shapes made of squares, match the shape to its equivalent fraction.

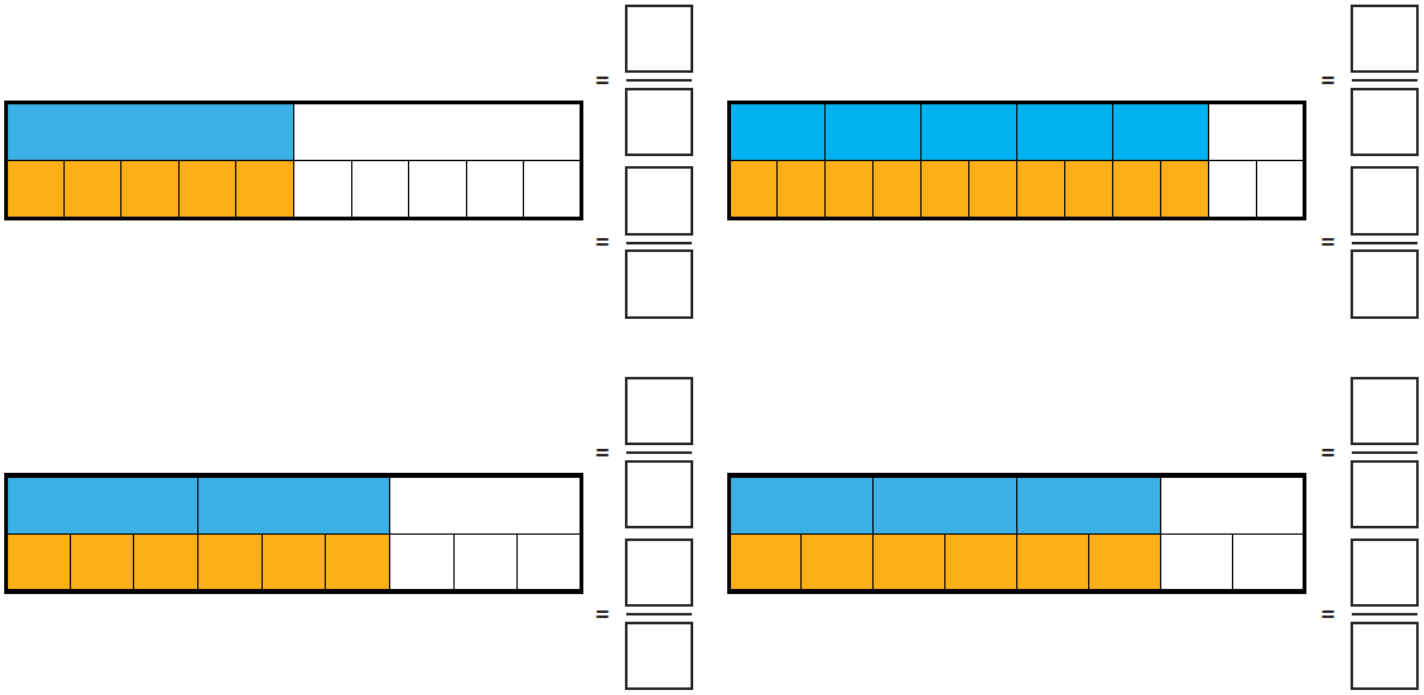
9

$\frac{3}{4}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{1}{8}$

10

$\frac{3}{4}$ $\frac{5}{12}$ $\frac{1}{4}$ $\frac{1}{2}$ $\frac{2}{3}$

11 Write the fraction that each bar represents to show that the fractions are equivalent.



L.O. To understand equivalent fractions. **P**entagon **Q**uadrilateral Remember to/that:	**What I think**	**What my teacher thinks**
The denominator in the number on the bottom of the fraction (the equal part)	◯	◯
The numerator in the number on the top of the fraction (the number of equal parts)	◯	◯
Count the number of equal parts to find the denominator.	◯	◯
Count the number of parts that are being counted to find the numerator (e.g. the shaded parts).	◯	◯
Use knowledge of factors and multiples.	◯	◯
Do me first; The difference between the sides of two pentagons and the sides of one triangle; The sides of two hexagons divided by the sides of one square;		

1. $\frac{1}{2} = \frac{\square}{8}$	2. $\frac{3}{\square} = \frac{6}{10}$	3. $\frac{3}{4} = \frac{12}{\square}$	4. $\frac{\square}{10} = \frac{1}{2}$
5. $\frac{7}{\square} = \frac{14}{16}$	6. $\frac{2}{3} = \frac{\square}{12}$	7. $\frac{\square}{6} = \frac{4}{24}$	8. $\frac{1}{8} = \frac{2}{\square}$
9. $\frac{2}{10} = \frac{\square}{5}$	10. $\frac{2}{\square} = \frac{1}{3}$	11. $\frac{4}{5} = \frac{16}{\square}$	12. $\frac{\square}{16} = \frac{1}{4}$

Now please complete the tasks over the page;

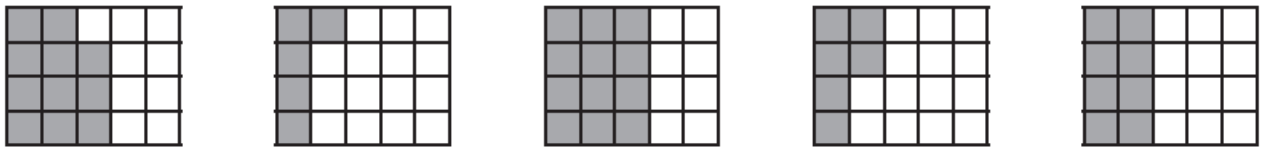
For each set of shapes made of squares, write the numerator for each equivalent fraction.

13

$\frac{\square}{4}$ $\frac{\square}{8}$ $\frac{\square}{8}$ $\frac{\square}{4}$ $\frac{\square}{2}$

14

$\frac{\square}{20}$ $\frac{\square}{4}$ $\frac{\square}{5}$ $\frac{\square}{10}$ $\frac{\square}{5}$



15 Wes the Wizard is finding equivalent fractions. He says,

> $\frac{5}{6}$ is equivalent to $\frac{7}{8}$ because whatever you do to the top, you also do to the bottom.

Explain why Wes is wrong.

_____

_____

_____

_____

L.O. To understand equivalent fractions. **T**riangle Remember to/that:	**What I think**	**What my teacher thinks**
The denominator in the number on the bottom of the fraction (the equal part)	◯	◯
The numerator in the number on the top of the fraction (the number of equal parts)	◯	◯
Count the number of equal parts to find the denominator.	◯	◯
Count the number of parts that are being counted to find the numerator (e.g. the shaded parts).	◯	◯
Use knowledge of factors and multiples.	◯	◯
Do me first; The difference between the sides of one nonagon and the sides of two decagons; The sides of three hexagons divided by the sides of one square;		

Write 3 equivalent fractions to each of these fractions.

1. $\frac{1}{2} =$

2. $\frac{1}{3} =$

3. $\frac{3}{4} =$

4. $\frac{4}{5} =$

5. $\frac{2}{3} =$

6. $\frac{5}{6} =$

7. $\frac{3}{10} =$

8. $\frac{7}{8} =$

Now please take a look at the tasks over the page;

Using the following pairs of shapes that are each divided into equal parts, show and write 2 equivalent fractions.

9

$\frac{}{2}$ $\frac{}{4}$

10

$\frac{}{4}$ $\frac{}{8}$

11

$\frac{}{5}$ $\frac{}{10}$

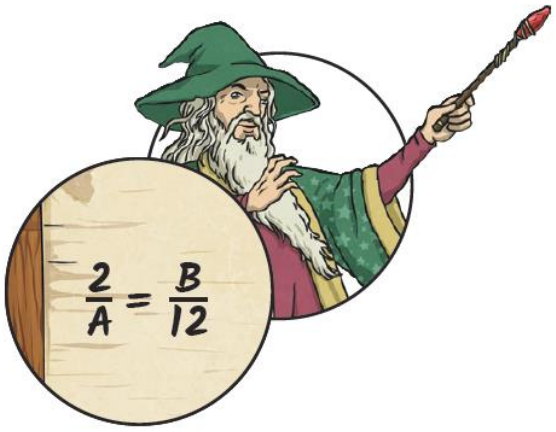
12

$\frac{}{3}$ $\frac{}{6}$

13

Marc the Master Wizard is working out some equivalent fractions.
He has written this in his spell book:

Give 4 possible sets of equivalent fractions
showing the values of A and B.



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