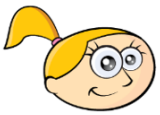
Maths extension questions

Eva says,



I know that $\frac{3}{4}$ is equivalent to $\frac{3}{8}$ because the numerators are the same.

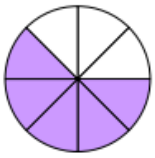
Is Eva correct?

Explain why.

3. Zakib says,

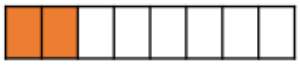
All these fractions are equivalent to $\frac{1}{4}$.

A.

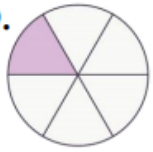


B. $\frac{2}{8}$

C.



D.



Is he correct? Explain your answer.

8. Match the fractions to their equivalents.

A.

$\frac{3}{10} = \_\_\_$

$\frac{4}{20}$ $\frac{6}{20}$ $\frac{8}{20}$

B.

$= \_\_\_$

$\frac{3}{6}$ $\frac{7}{9}$ $\frac{8}{12}$

Answers:

Eva is wrong because the numerator has to be x by 2 as well. So it should be 6/8.

3. No, A and D are not equivalent to $\frac{1}{4}$.

8. A. $\frac{3}{10} = \frac{6}{20}$ B. $\frac{2}{3} = \frac{8}{12}$