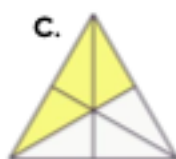


Green

1. Tick the shapes that have $\frac{1}{3}$ shaded.


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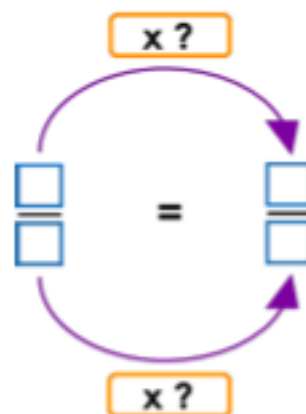
☐


VF
HW/Ed

2. Complete the sequence of equivalent fractions. Use the diagram to help you.

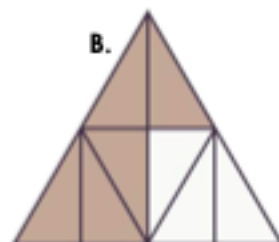
A. $\frac{1}{4} = \frac{2}{\quad} = \frac{\quad}{12} = \frac{4}{\quad}$

B. $\frac{1}{5} = \frac{\quad}{10} = \frac{3}{\quad} = \frac{\quad}{20}$



VF
HW/Ed

3. Ben shades these shapes. He says,



One-half of each shape is shaded.

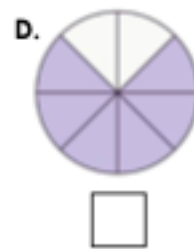
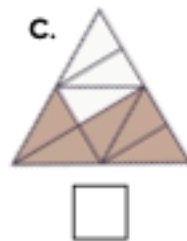
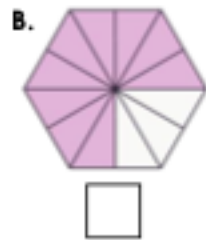
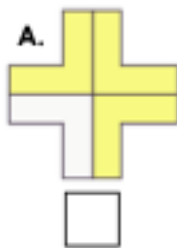
Explain his mistake.



RPS
HW/Ed

Yellow

4. Tick the shapes that have $\frac{3}{4}$ shaded.

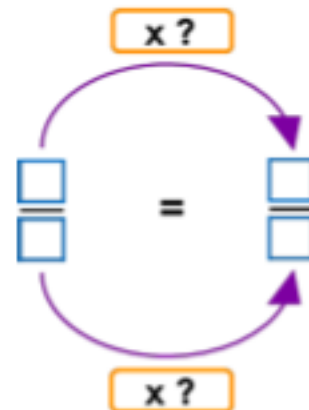


VF
HW/Edt

5. Complete the sequence of equivalent fractions. Use the diagram to help you.

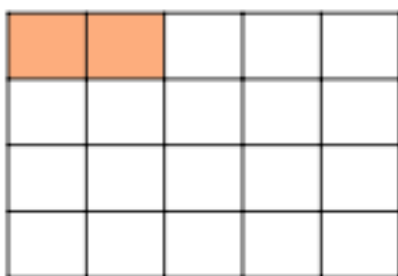
A. $\frac{4}{6} = \frac{8}{\quad} = \frac{\quad}{18} = \frac{16}{\quad}$

B. $\frac{3}{8} = \frac{\quad}{16} = \frac{9}{\quad} = \frac{\quad}{32}$



VF
HW/Edt

6. Jasmin shades this shape. She says,



Explain her mistake.

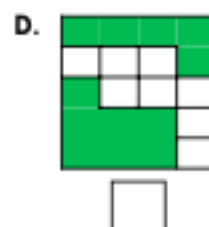
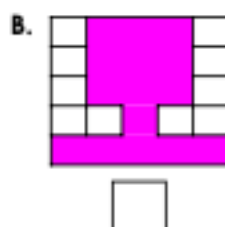
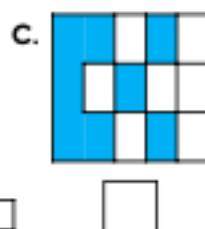
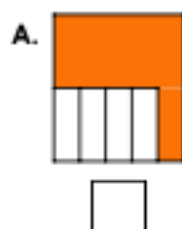
Two-fifths of my shape is shaded.



RPS
HW/Edt

Red

7. Tick the shapes that have $\frac{3}{5}$ shaded.



VF
HW/Edt

8. Complete the sets of equivalent fractions.

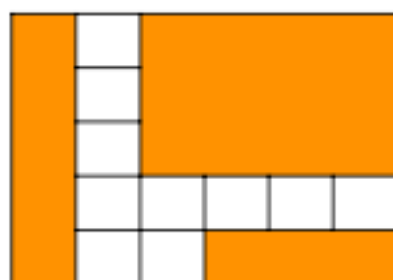
A. $\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{16} = \frac{21}{24} = \frac{\boxed{}}{40} = \frac{63}{\boxed{}}$

B. $\frac{\boxed{}}{\boxed{}} = \frac{8}{\boxed{}} = \frac{12}{27} = \frac{28}{\boxed{}} = \frac{\boxed{}}{81}$



VF
HW/Edt

9. Carl shades this shape. He says,



Explain his mistake.

Five-sixths of my shape is shaded.



RPS
HW/Edt

Answers



1. A, D and E

2. A. $\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16}$ B. $\frac{1}{5} = \frac{2}{10} = \frac{3}{15} = \frac{4}{20}$

3. Ben has shaded 5 out of 8 parts on triangle B. He needed to shade 4 out of 8 squares as $\frac{4}{8} = \frac{1}{2}$. Triangle A correctly has one half shaded.



4. A, B, D and E

5. A. $\frac{4}{6} = \frac{8}{12} = \frac{12}{18} = \frac{16}{24}$ B. $\frac{3}{8} = \frac{6}{16} = \frac{9}{24} = \frac{12}{32}$

6. Jasmin has shaded 2 squares instead of 2 columns. She has shaded 2 out of 20 squares which is not equivalent to $\frac{2}{5}$. She needed to shade 8 out of 20 squares which is equivalent to $\frac{2}{5}$.



7. A, B and D

8. A. $\frac{7}{8} = \frac{14}{16} = \frac{21}{24} = \frac{35}{40} = \frac{63}{72}$ B. $\frac{4}{9} = \frac{8}{18} = \frac{12}{27} = \frac{28}{63} = \frac{36}{81}$

9. Carl has shaded 20 out of 30 squares which is equivalent to $\frac{4}{6}$ or $\frac{2}{3}$. He needed to shade 25 out of 30 squares which is equivalent to $\frac{5}{6}$.
