Divide Fractions by Integers 1

1. Solve the calculations and then add a comparison symbol to make the statements correct.

A. $\frac{8}{20} \div 4$ ☐ $\frac{3}{20} \div 3$

B. $\frac{8}{24} \div 8$ ☐ $\frac{6}{24} \div 6$

D

VF
HW/Ext

2. Choose from the digit cards below to complete the number sentence.

$\frac{4}{15}$ $\frac{1}{15}$ $\frac{2}{15}$ $\frac{3}{15}$

$\frac{\square}{\square} \div 4 = \frac{\square}{\square}$

D

VF
HW/Ext

3. Ocean is multiplying fractions.

I multiply my starting fraction by 2.
My answer is $\frac{4}{5}$.
What was my starting fraction?

Using your knowledge of dividing fractions, find the answer.
Prove it.

D

RPS
HW/Ext

Divide Fractions by Integers 1

4. Solve the calculations and then add a comparison symbol to make the statements correct.

A. $\frac{16}{25} \div 4$ ☐ $\frac{15}{25} \div 3$

B. $\frac{15}{30} \div 3$ ☐ $\frac{24}{30} \div 8$

E

VF
HW/Ext

5. Choose from the digit cards below to complete the number sentence.

$\frac{4}{7}$ $\frac{20}{28}$ $\frac{5}{7}$ $\frac{5}{28}$

$\frac{\square}{\square} \div 4 = \frac{\square}{\square}$

E

VF
HW/Ext

6. Daya is multiplying fractions.

I multiply my starting fraction by 3.
My answer is $\frac{12}{15}$.
What was my starting fraction?

Using your knowledge of dividing fractions, find the answer.
Prove it.

E

RPS
HW/Ext

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7. Solve the calculations and then add a comparison symbol to make the statements correct.

A. $\frac{45}{20} \div 5 \quad \square \quad \frac{48}{20} \div 6$

B. $1\frac{5}{15} \div 10 \quad \square \quad 2\frac{10}{15} \div 10$

GD

VF
HW/Ext

8. Choose from the digit cards below to complete the number sentence.

$1\frac{1}{8}$ $\frac{8}{56}$ $\frac{63}{8}$ $7\frac{6}{8}$ $1\frac{9}{56}$

$\square \div 7 = \square$

GD

VF
HW/Ext

9. Harley is multiplying fractions.

I multiply my starting fraction by 8.

My answer is $6\frac{6}{7}$.

What was my starting fraction?

Using your knowledge of dividing fractions, find the answer.
Prove it.

GD

RPS
HW/Ext

Homework/Extension
Divide Fractions by Integers 1

Developing

1. A. > and B. =
2. $\frac{4}{15} \div 4 = \frac{1}{15}$
3. The starting fraction was $\frac{2}{5}$. You need to use the inverse and complete $\frac{4}{5} \div 2$.

Expected

4. A. < and B. >
5. $\frac{20}{28} \div 4 = \frac{5}{28}$
6. The starting fraction was $\frac{4}{15}$. You need to use the inverse and complete $\frac{12}{15} \div 3$.

Greater Depth

7. A. > and B. <
8. $\frac{63}{8} \div 7 = 1\frac{1}{8}$
9. The starting fraction was $\frac{6}{7}$. You need to use the inverse and complete $6\frac{6}{7} \div 8$.