### **Divide Fractions by Integers 1**

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1a. The missing digit in all the calculations is the same. Find the missing number.

A.  $\frac{4}{\Box} \div 2 = \frac{2}{6}$ 

B.  $\frac{12}{15} \div \Box = \frac{2}{15}$ 

C.  $\frac{\square}{7} \div 3 = \frac{2}{7}$ 

1b. The missing digit in all the calculations is the same. Find the missing number.

A.  $\frac{10}{1} \div 5 = \frac{2}{12}$ 

B.  $\frac{24}{30} \div \Box = \frac{2}{30}$ 

C.  $\frac{1}{15} \div 6 = \frac{2}{15}$ 

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2a. Josh and Kelly are calculating  $\frac{4}{10} \div 2$ .



The answer is  $\frac{2}{10}$ .

Josh

The answer is  $\frac{2}{5}$ .



Who is correct?

Explain how you know.



3a. Felix has  $\frac{6}{8}$  of his pizza left.

He wants to share them between himself and two friends.

Write the calculation.

What fraction of pizza does each child get?

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2b. Vlad and Chan are calculating  $\frac{6}{12} \div 3$ .



The answer is  $\frac{3}{4}$ .

Chan

The answer is  $\frac{2}{12}$ .



Who is correct? Explain how you know.



3b. Natalie has  $\frac{8}{10}$  of a box of crackers

She wants to share them between herself and three friends.

Write the calculation.

What fraction of crackers does each child get?





PS

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4a. The missing digit in all the calculations is the same. Find the missing number.

A.  $\frac{8}{1} \div 4 = \frac{2}{8}$ 

B.  $\frac{24}{30} \div \Box = \frac{3}{30}$ 

C.  $\frac{\Box}{16} \div 2 = \frac{4}{16}$ 

4b. The missing digit in all the calculations is the same. Find the missing number.

A.  $\frac{21}{1} \div 7 = \frac{3}{28}$ 

B.  $\frac{28}{40} \div \Box = \frac{1}{40}$ 

C.  $\frac{\Box}{40} \div 7 = \frac{4}{40}$ 

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5a. Cian and Lucy are calculating  $\frac{16}{8} \div 4$ .



The answer is  $\frac{4}{8}$ .

Who is correct?
Explain how you know.



5b. Ben and Steph are calculating  $\frac{18}{12} \div 6$ .



The answer is  $\frac{18}{2}$ .

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The answer is  $\frac{3}{12}$ 

Who is correct? Explain how you know.



6a. Alice has  $\frac{15}{18}$  of her packet of sweets left.

She wants to share them between herself and four friends.

Write the calculation.

What fraction of sweets does each child get?

6b. Lex has  $\frac{28}{30}$  of a packet of biscuits left.

He wants to share them between himself and six friends.

Write the calculation.

What fraction of biscuits does each child get?





PS

Steph

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is the same. Find the missing number.

7b. The missing digit in all the calculations

7a. The missing digit in all the calculations

is the same. Find the missing number.

A. 
$$\frac{12}{1} \div 6 = \frac{2}{3}$$

A. 
$$1 \stackrel{\diamond}{=} \div 3 = \frac{\diamond}{12}$$

A. 
$$\frac{12}{2} \div 6 = \frac{2}{3}$$

B. 
$$2\frac{4}{10} \div \square = \frac{2}{10}$$

B. 
$$7\frac{1}{2} \div \Box = \frac{5}{2}$$

C. 
$$\frac{\Box}{5} \div 4 = \frac{3}{5}$$

C. 
$$1\frac{\Box}{4} \div 7 = \frac{1}{4}$$





8a. Lana and Hafsa are calculating  $8\frac{8}{11} \div 8.$ 

8b. Pete and Chloe are calculating  $2\frac{6}{9} \div 3.$ 



Who is correct?





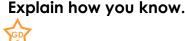
The answer is  $\frac{8}{2}$ .

Lana

Hafsa



The answer is 24.



Who is correct? Explain how you know.

9a. Johnny has  $5\frac{10}{12}$  of his packet of sweets left.

9b. Clark has  $2\frac{8}{12}$  layers of a box of chocolates left.

He wants to share them between himself and six friends.

He wants to share them between himself and seven friends.

Write the calculation.

Write the calculation.

What fraction of sweets does each child get?

What fraction of chocolates does each child get?





Chloe