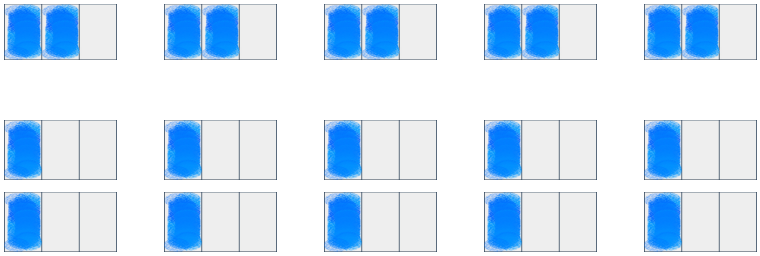
ANSWER KEY

1. Circle the expression below that is equivalent to $5 \times \frac{2}{3}$.

$10 \times \frac{4}{6}$ $10 \times \frac{1}{3}$ $5 \times \frac{4}{6}$ $3 \times \frac{2}{5}$

Draw a model of both expressions to show why they are equivalent:

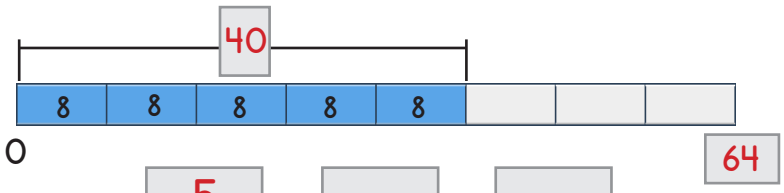
Responses will vary.



5 groups of 2/3 = 10/3

10 groups of 1/3 = 10/3

2. Complete the model and matching equation:



$\frac{5}{8} \times 64 = 40$

3. Carlos went strawberry picking so he could make strawberry jam. He needs 2/3 cup of sugar per batch of strawberry jam.

A. How many cups of sugar did he need to make 9 batches of jam? Show your work with words, models and/or numbers.

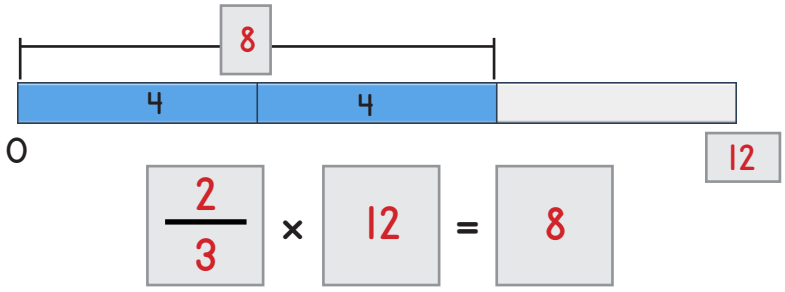
Responses will vary. Look for understanding that 9 groups of 2/3 = 18/3, or 6 cups of sugar.

ANSWER KEY

B. The next time he went strawberry picking, Carlos picked enough that he needed 8 cups of sugar for his jam.

How many batches of jam did Carlos make?
Make a model to show how you solve the problem.

Responses will vary. Look for understanding that a different number is missing in this case. One possible solution:
2/3 x {n batches} = 8 cups



12 batches were made