

1. The area of a rectangular parking lot is  $\frac{8}{45}$  square kilometers. The length of the lot is  $\frac{4}{9}$  kilometers. What is the width, in km, of the parking lot?

A.  $\frac{4}{45}$  km      C.  $\frac{8}{9}$  km  
B.  $\frac{2}{5}$  km      D.  $2\frac{1}{4}$  km

6.NS.1

2. The length of a rectangular placemat is  $\frac{2}{3}$  feet. If the area of the placemat is  $\frac{1}{2}$  square feet, what is the width of the placemat?

A.  $\frac{1}{3}$  foot      C.  $\frac{3}{4}$  foot  
B.  $\frac{1}{4}$  foot      D.  $\frac{4}{3}$  foot

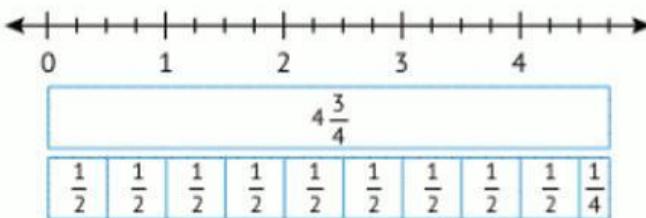
6.NS.1

3. What is the value of  $\frac{8}{9} \div \frac{5}{12}$ ?

A.  $\frac{5}{12}$       C.  $\frac{10}{27}$   
B.  $\frac{8}{15}$       D.  $2\frac{2}{15}$

6.NS.1

4. Which expression is modeled by the diagram below?



A.  $4\frac{3}{4} \div \frac{1}{2}$       C.  $\frac{1}{2} \div 4\frac{3}{4}$   
B.  $4 \div \frac{3}{4}$       D.  $\frac{3}{4} \div 4$

6.NS.1

5. The length of a card is  $\frac{1}{3}$ - cm. If the area of the card is  $\frac{4}{15}$  square cm, what is the width of the card?

A.  $\frac{1}{5}$  cm      C.  $\frac{3}{4}$  cm  
B.  $\frac{2}{3}$  cm      D.  $\frac{4}{5}$  cm

6.NS.1

6. How many cups of pudding would 4 people get if they equally shared  $3\frac{1}{4}$  cup of pudding?

A.  $\frac{13}{16}$  cups      C. 13 cups  
B.  $\frac{16}{13}$  cups      D. 16 cups