

The table shows the color and number of model cars that Jason will build this summer.

Color	Number
Gray	6
Black	5
White	4

Which fraction is equivalent to the fraction of the models that will be white?

- (A) $\frac{8}{30}$ (B) $\frac{2}{7}$ (C) $\frac{12}{28}$ (D) $\frac{14}{60}$

5.2A

Which number goes in the box to make the equation true?

$$5 \frac{3}{9} = \frac{\square}{9}$$

- (A) 40 (B) 43 (C) 45 (D) 48

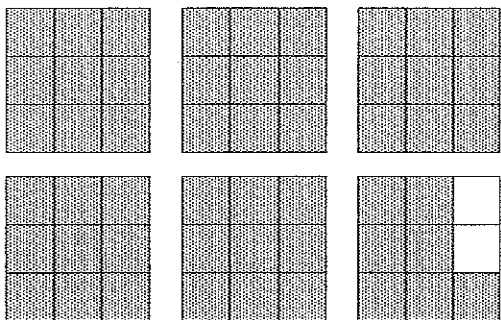
5.2B

Latoya's teacher wants her to write a fraction it is equivalent to two-fourths. Which fraction below is NOT equivalent to two-fourths?

- (A) $\frac{1}{2}$ (B) $\frac{4}{12}$ (C) $\frac{6}{12}$ (D) $\frac{8}{16}$

5.2A

Simeon drew 6 squares, each divided into 9 equal sections. Then he shaded a number of the sections.



Which shows two different ways to represent the shaded amount?

- (A) $\frac{52}{9}$ and $5 \frac{7}{9}$ (C) $\frac{61}{9}$ and $6 \frac{7}{9}$
 (B) $\frac{47}{9}$ and $5 \frac{2}{9}$ (D) $\frac{51}{9}$ and $5 \frac{6}{9}$

5.2B

Yan-Yan asked the students in her class to name their favorite type of pet. She recorded the results in the table below.

Dog	
Cat	
Rodent	
Fish	

Which fraction is equivalent to the fraction of students that named fish?

- (A) $\frac{4}{36}$ (B) $\frac{6}{54}$ (C) $\frac{1}{10}$ (D) $\frac{2}{40}$

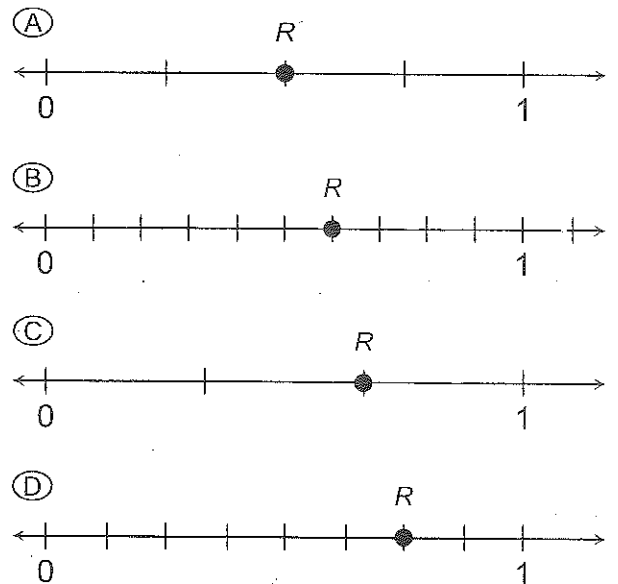
5.2A

Mr. Espinoza will squeeze $10 \frac{4}{6}$ oranges and pour their juice into a pitcher. Which improper fraction is equivalent to $10 \frac{4}{6}$?

- (A) $\frac{46}{10}$ (B) $\frac{64}{6}$ (C) $\frac{60}{6}$ (D) $\frac{60}{4}$

5.2B

On which number line below does point R represent a fraction that is equivalent to $\frac{3}{4}$?



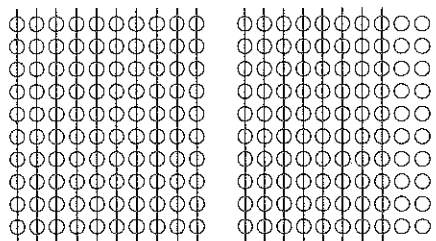
5.2A

Which mixed number below is equivalent to forty-sevenths?

- (A) $4 \frac{1}{7}$ (C) $4 \frac{6}{7}$
 (B) $1 \frac{7}{40}$ (D) $5 \frac{5}{7}$

5.2B

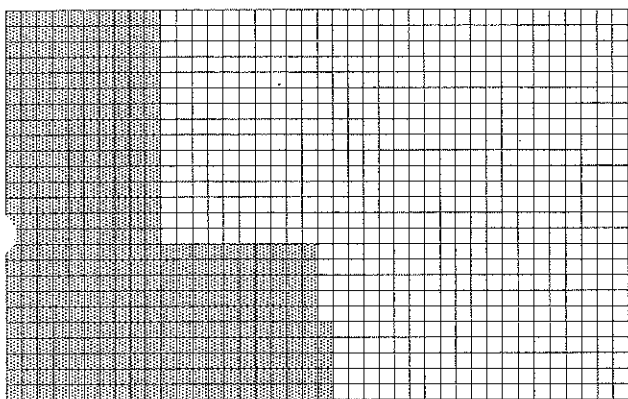
Enrique created the model below to represent $1\frac{80}{100}$.



Which decimal does the model represent?

- (A) 1.08
- (B) 1.80
- (C) 1.008
- (D) 18.00

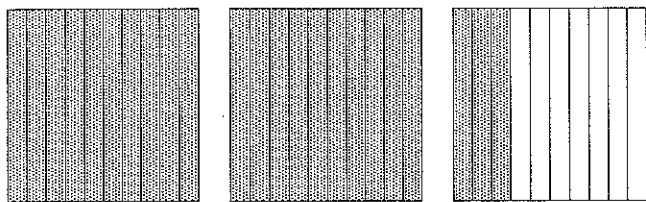
Winifred made the model below to represent the fraction $\frac{355}{1,000}$.



What decimal does the model represent?

- (A) 3.55
- (B) 35.05
- (C) 0.355
- (D) 0.0350

Preston drew and shaded the model below to represent $\frac{23}{10}$.



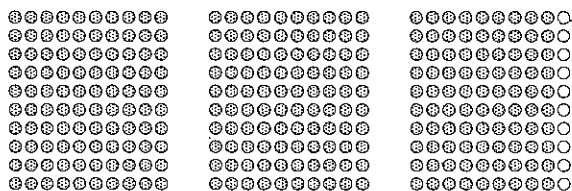
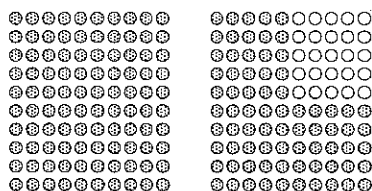
What decimal does the model represent?

- (A) 2.33
- (B) 3.3
- (C) 2.3
- (D) 10.33

Melanie wants to draw and shade a model of 0.25 on a sheet of paper. What could she do to make the model?

- (A) Draw a rectangle divided into 100 equal parts and then shade 25 of the parts.
- (B) Draw a rectangle divided into 25 equal parts and then shade 5 of the parts.
- (C) Draw a rectangle divided into 1,000 equal parts and then shade 25 of the parts.
- (D) Draw a rectangle divided into 50 equal parts and then shade 25 of the parts.

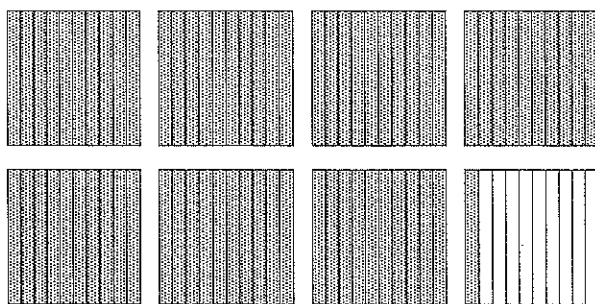
Sakda made the model below to represent the mixed number $4\frac{75}{100}$.



What decimal does the model represent?

- (A) 47.5
- (B) 4.75
- (C) 0.475
- (D) 4.075

Regina shaded the model below to represent a mixed number.



What decimal does the model represent?

- (A) 7.01
- (B) 0.71
- (C) 0.071
- (D) 7.1