

**Adding and Subtracting Fractions and Decimals***Lesson Quiz*

1 Joe is using a cloth strip $\frac{7}{8}$ yard long to make border. If he cuts off a piece that is $\frac{3}{4}$ yard long, which fraction best represents the portion that is left of the original strip?

A $\frac{13}{8}$ yd

B 1 yd

C $\frac{1}{4}$ yd

D $\frac{1}{8}$ yd

2 Nita has 3 wooden boards one board is $7\frac{1}{4}$ feet long another board is $\frac{1}{2}$ foot long, and the last board is $2\frac{3}{8}$ feet long. Nita lays the boards end-to-end. What is the best estimate of total length of the boards?

A 10 feet

B 9 feet

C 11 feet

D 12 feet

3 Hugh has \$15 to spend at a candy store. He wants to buy a chocolate bar for \$1.79, a fruit chew for \$0.99, and a large lollipop for \$2.05. How much money will Hugh have after his purchase?

A \$4.83

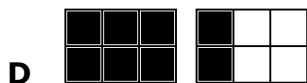
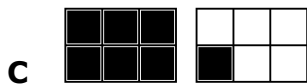
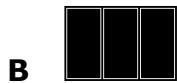
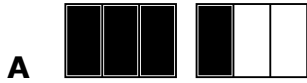
B \$10.17

C \$11.83

D \$19.83



- 4 Jamie is making 2 cakes for a cake walk. One cake recipe calls for $\frac{2}{3}$ cup of flour and the other cake recipe calls for $\frac{1}{2}$ cup. Which model below shows how much flour Jamie will need?



- 5 Austin bought 9 gallons of paint for some projects at his house. He used $1\frac{1}{2}$ gallons of paint for his kitchen and $4\frac{3}{8}$ gallons for his bedroom. He needs 4 gallons of paint for the living room. Does Austin have enough paint left for the living room?

- A No, because $9 - (1\frac{4}{8} + 4\frac{3}{8}) = 3\frac{1}{8}$, and $3\frac{1}{8} < 4$
- B Yes, because $9 - 4\frac{3}{8} = 4\frac{5}{8}$, and $4\frac{5}{8} > 4$
- C No, because $(9 - 4\frac{3}{8}) - 4 = \frac{5}{8}$ and $\frac{5}{8} < 4$
- D Yes, because $9 + 4\frac{3}{8} + 1\frac{4}{8} = 17\frac{7}{8}$ and $17\frac{7}{8} > 4$



6 Tania has a bag of gumballs. Of the gumballs, $\frac{1}{6}$ are purple, $\frac{1}{4}$ are orange and the rest are pink. What fraction of the gumballs is pink?

A $\frac{1}{8}$

B $\frac{7}{12}$

C $\frac{3}{4}$

D $\frac{3}{12}$

7 Mike rode his bike $4\frac{3}{8}$ miles and Pearl rode her bike 5.5 miles. How many total miles did Mike and Pearl ride?

A $9\frac{1}{8}$ miles

B $9\frac{2}{5}$ miles

C $9\frac{7}{8}$ miles

D $9\frac{3}{4}$ miles

8 Andrea broke a candy bar into 12 equal parts. She gave $\frac{1}{4}$ to her friend Jane and gave $\frac{1}{3}$ to little brother. Andrea ate the rest of the candy bar. How much of the candy bar did Andrea eat?

A $\frac{1}{6}$

B $\frac{5}{12}$

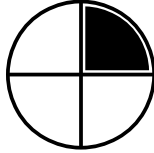
C $\frac{3}{4}$

D $\frac{3}{12}$

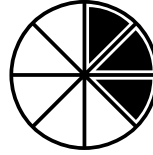


9 Jennifer and Stephanie ordered a pizza that was cut into 8 slices. Jennifer ate $\frac{1}{4}$ of the pizza and Stephanie ate 3 slices. How many slices of pizza were left?

Jennifer



Stephanie



- A 1 slice
- B 2 slices
- C 3 slices
- D 4 slices

10 Below is a table that shows the number of miles 5 cross country runners ran last week.

Miles Ran In a Week

Runner	Number of Miles Ran
Javier	6.15 miles
Darren	$7\frac{3}{4}$ miles
Tania	9.25 miles
Sharron	$8\frac{7}{8}$ miles
Selena	8.2 miles

Approximately how many total miles did the 5 cross country runners run last week?

- A 40 miles
- B 60 miles
- C 30 miles
- D 70 miles

