

**CISD Grade 6 Math Unit 03**

Some questions (c) 2013 by TEKS Resource System.

1 Plums cost \$0.32 each. Which is the closest estimate to the cost of 5 plums?

- A \$2.50
- B \$2.00
- C \$1.00
- D \$1.50

2 Hannah is walking in a 5-mile walkathon to raise money for a charity. She has

completed  $2\frac{2}{3}$  miles of the walkathon. Which expression shows the number of miles she has left to walk?

F  $5 + 2\frac{2}{3}$

G  $5 \div 2\frac{2}{3}$

H  $5 \times 2\frac{2}{3}$

J  $5 - 2\frac{2}{3}$

3 After a sewing project, the home economics teacher had four pieces of fabric that

were  $\frac{5}{6}$  yard,  $1\frac{1}{2}$  yards,  $\frac{1}{4}$  yard, and  $2\frac{1}{3}$  yards long. How many yards of fabric were left over all together?

A  $3\frac{8}{15}$  yards

B  $4\frac{1}{12}$  yards

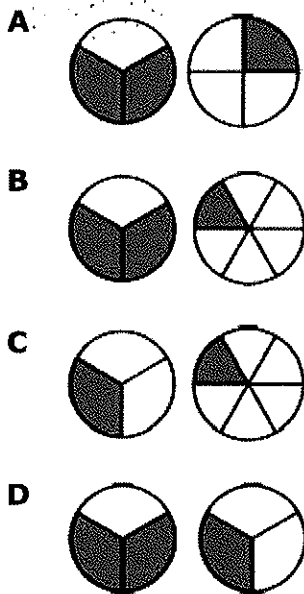
C  $4\frac{11}{12}$  yards

D  $5\frac{1}{6}$  yards

- 4 In Haley's class,  $\frac{3}{8}$  of the students had one pet, while  $\frac{1}{6}$  of the students had more than one pet. The rest of the students did not have any pets. What fractional part of the class did not have a pet?

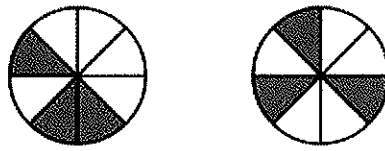
- 5 Which figure best represents this expression?

$$\frac{2}{3} + \frac{1}{6}$$



- 6 A roll of vinyl-coated fence costs \$52.45. A roll of metal fence costs \$41.49. How much more does the roll of vinyl-coated fence cost?
- F \$10.04
- G \$10.06
- H \$10.96
- J \$11.96

- 7 After a birthday party, there was some extra pizza remaining. The shaded portions below represent the leftover pieces of pizza.



What fractional part of one whole pizza was left over?

- A  $\frac{6}{16}$
- B  $\frac{3}{5}$
- C  $\frac{3}{4}$
- D  $\frac{6}{5}$
- 8 Lee made a sandbox for his little brother. The sandbox measured 12.25 feet by 15.125 feet. What is the perimeter of the sandbox?
- F 16.350 feet
- G 27.375 feet
- H 32.70 feet
- J 54.75 feet

9

A motel pool had  $6\frac{1}{4}$  feet of water in it.

The pool keeper drained  $\frac{1}{2}$  foot of water out of the pool.

A. Draw a picture or use a number line to illustrate the changes in the water level of the pool.

B. Write an expression that could be used to find the water level in the pool after  $\frac{1}{2}$  foot of water was drained out.

C. What was the depth of the water in the pool after  $\frac{1}{2}$  foot of water was drained out?

**10** Mikhail bought a CD for \$13.99. He also bought two games for his Xbox 360 that cost \$49.99 each and another game that cost \$39.99. How much change would he receive back if he gave the clerk \$200.00 in cash?

**F** \$46.04

**G** \$79.04

**H** \$96.03

**J** \$96.23

**11** The drill team wanted to raise money by making and selling corsages for

homecoming. They ordered 11.3 meters of maroon ribbon,  $8\frac{3}{4}$  m of black ribbon,

9.5 m of silver ribbon, and  $10\frac{1}{4}$  m of white ribbon. About how many meters of ribbon was ordered?

**A** 20 meters

**B** 30 meters

**C** 40 meters

**D** 50 meters

**12** Caleb works 15 hours a week at the car wash. On Friday he worked  $2\frac{3}{4}$  hours, on Saturday he worked 5 hours, and on Sunday he worked 4.25 hours.

A. How many more hours a week does Caleb need to work to meet his 15 hours a week quota?

B. What fraction of the weekly quota is Caleb still missing?

---

--	--