

1.Nina wants to buy a scooter that costs \$100. She has \$80 already. What percent of the \$100 does Nina already have?

- (F)
- 0.8%
- (G)
- 8%
- (H)
- 80%
- (J)
- 800%

Point Value

1

Correct Answer

- (H)
- 80%

Standards: [CC.2.1.6.D.1](#), [M06.A-R.1.1.5](#)

2.Which property does the equation below demonstrate?

$$7(6 + 4) = 42 + 28$$

- (F)
- associative
- (G)
- commutative
- (H)
- distributive
- (J)
- identity

Point Value

1

Correct Answer

- (H)
- distributive

Standards: [CC.2.1.6.E.3](#), [CC.2.2.6.B.1](#), [M06.A-N.2.2.2](#), [M06.B-E.1.1.5](#)

3. An ocean sunfish lays about thirty million eggs at one time. If 1% hatch, approximately what number of eggs will hatch?

(F)

30,000

(G)

300,000

(H)

3,000,000

(J)

30,000,000

Point Value

1

Correct Answer

(G)

300,000

Standards: [CC.2.1.6.D.1](#), [M06.A-R.1.1.5](#)

4. Julie has an after-school job in a local hardware store. Today she is restocking sockets for socket wrench sets. If the sockets are to be arranged in size from smallest to largest, which list is in the correct order?

(F)

$\frac{1}{2}, \frac{3}{4}, \frac{5}{8}, \frac{9}{16}$

(G)

$\frac{1}{2}, \frac{9}{16}, \frac{5}{8}, \frac{3}{4}$

(H)

$\frac{3}{4}, \frac{5}{8}, \frac{9}{16}, \frac{1}{2}$

(J)

$\frac{9}{16}, \frac{5}{8}, \frac{3}{4}, \frac{1}{2}$

Point Value

1

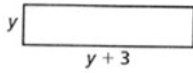
Correct Answer

(G)

$\frac{1}{2}, \frac{9}{16}, \frac{5}{8}, \frac{3}{4}$

Standards: [CC.2.1.6.E.4](#), [M06.A-N.3.2](#)

5. The width of the rectangle below is represented by a certain positive number y . Its length is represented by $y + 3$.



Which expression represents the area of the rectangle?

(A)

$$y + (y + 3)$$

(B)

$$y(y + 3)$$

(C)

$$2y + 2(y + 3)$$

(D)

$$2y + (y + 3)$$

Point Value

1

Correct Answer

(B)

$$y(y + 3)$$

Standards: [CC.2.2.6.B.1](#), [CC.2.2.6.B.2](#), [M06.B-E.1.1.2](#), [M06.B-E.2.1.2](#)