a + b = ?
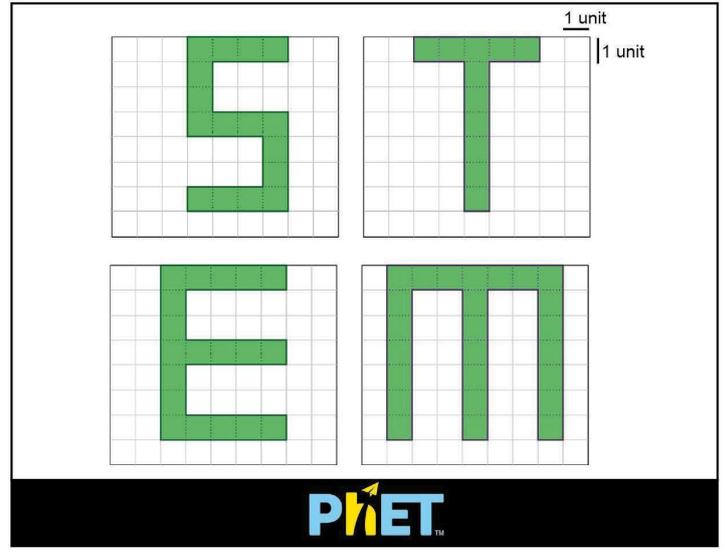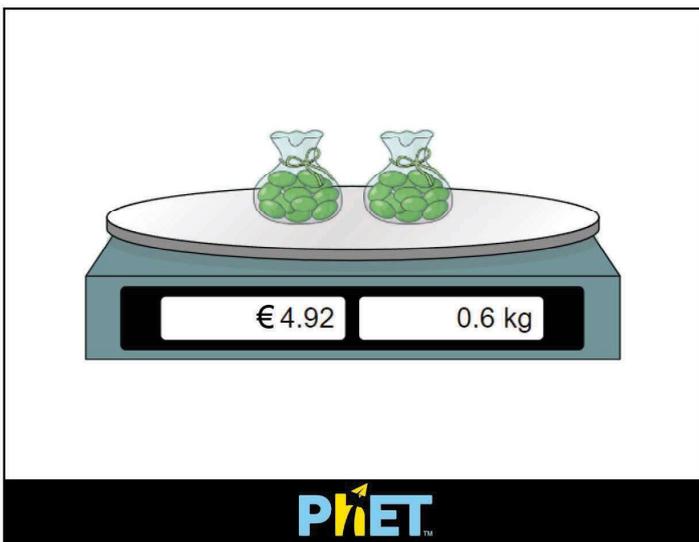
A) 62   B) 67   C) 70   D) 73
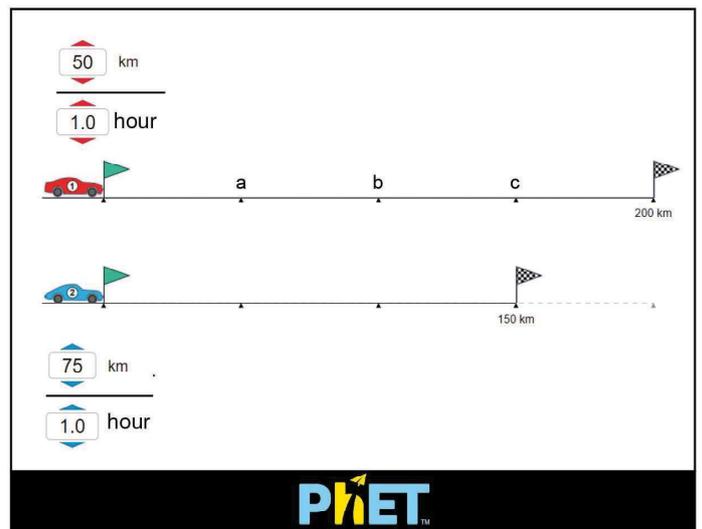

Which of the letters S, T, E, or M has the greatest ratio of its perimeter to its area?

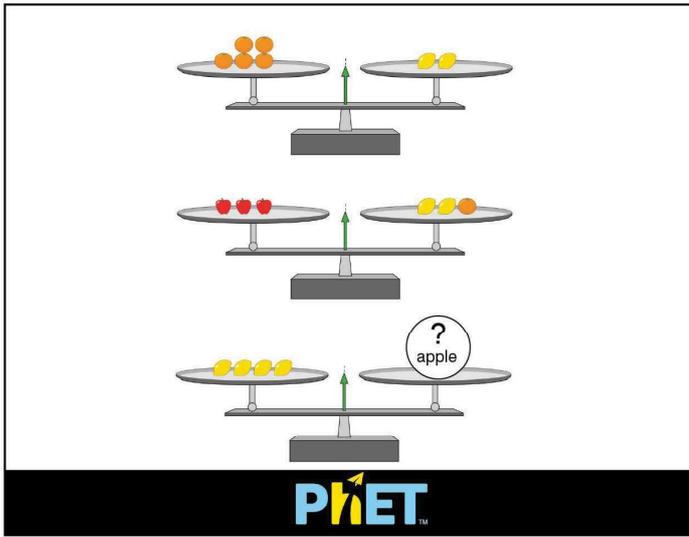A) S   B) T   C) E   D) M

Two packages of sugar weigh 0.6 kg and cost 4.92 euros. If you buy 1.8 kg of sugar, how much will you pay and how many packages will you get?

A) 6 packages - 14.76 €   B) 6 packages - 29.52 €

C) 3 packages - 14.76 €   D) 9 packages - 29.52 €
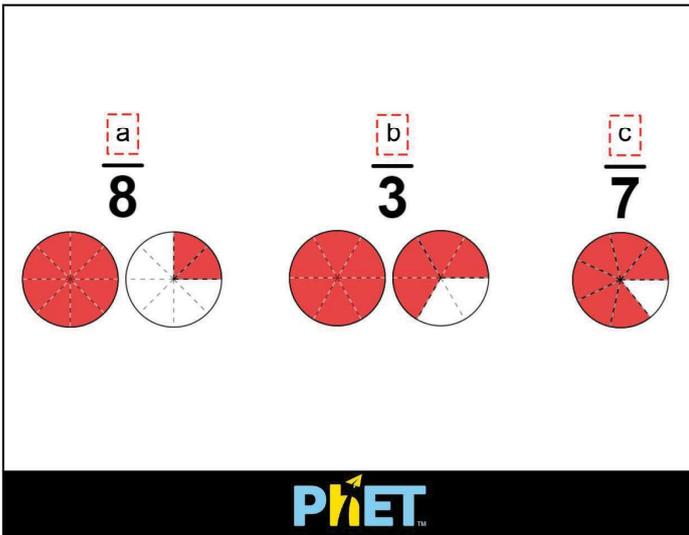

What is the position of red when the blue car, traveling 75 km per hour, reaches the finish line?

A) point a   B) between a and b
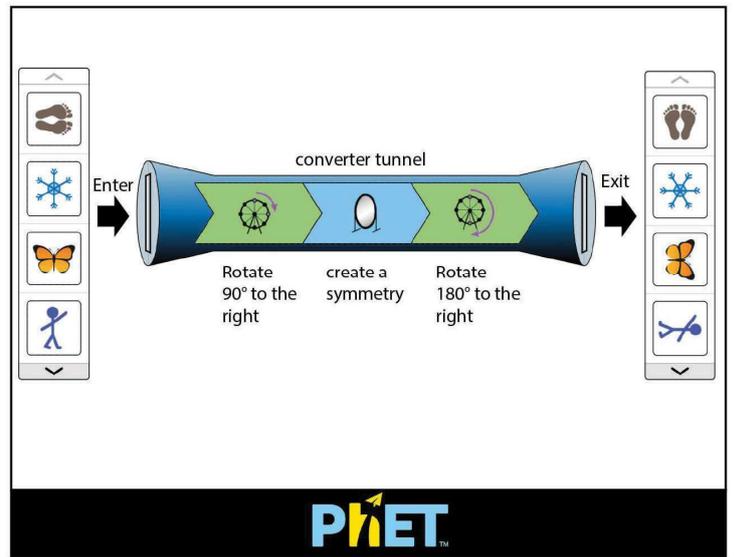
C) point b   D) between b and c

How many apples are needed to balance the scale?

A) 4 B) 5 C) 6 D) 7

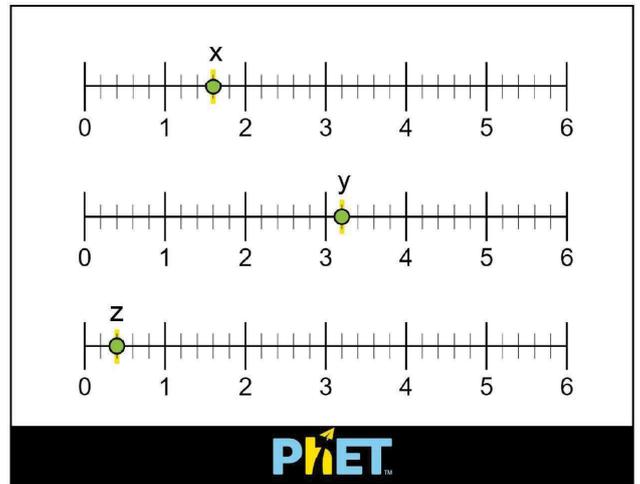**Which figure is converted wrong from the tunnel?**

A)

B)

C)

D)

According to the given figure what is the value of (a ÷ b) + c?

A) 7 B) 8 C) 9 D) 10

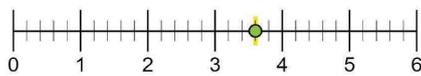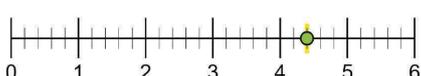**The numbers x, y, and z are shown on the number line. Which of the following is equal to the result of x + y - z?**

A)

B)

C)

D)

$\frac{5}{7}$ full

$\frac{2}{6}$ full

$\frac{1}{3}$ full

Container 1   Container 2   Container 3

PhET
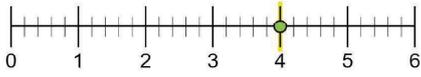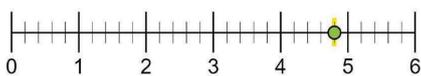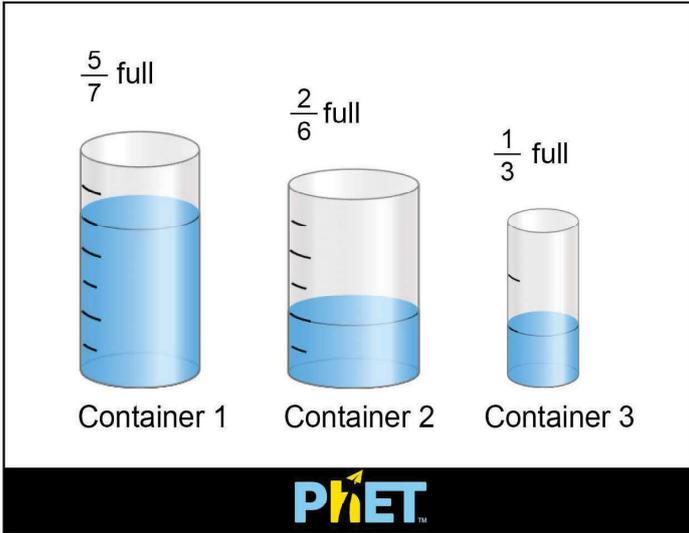
From the 1ˢᵗ container, if 20ml of water is transferred to the 2ⁿᵈ container, and 10 ml of water is transferred to the 3ʳᵈ container all the containers become half full. How many milliliters of water do they take when the containers are full?

A) 1ˢᵗ container 140 ml, 2ⁿᵈ container 100 ml, 3ʳᵈ container 80 ml.

B) 1ˢᵗ container 120 ml, 2ⁿᵈ container 100 ml, 3ʳᵈ container 60 ml.

C) 1ˢᵗ container 140 ml, 2ⁿᵈ container 120 ml, 3ʳᵈ container 60 ml.

D) 1ˢᵗ container 120 ml, 2ⁿᵈ container 120 ml, 3ʳᵈ container 40 ml.

In which picture is Hansel standing farthest from the house?

A) West ← -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 m → East

Hansel

B) West ← -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 m → East

Hansel

C) West ← -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 m → East

Hansel

D) West ← -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 m → East

Hansel

Hans

middle line

Hans cuts off one-fifth of a board. Then, he realizes that the middle line of the board has shifted 14 cm compared to the first situation. What is the length of the board after cutting?

A) 82   B) 112   C) 140   D) 180

2   3   5   7

The number of balloons of four classmates are given above.

-Tom has fewer balloons than Victor.

- Mary has more balloons than Victor.

- Peter has the most balloons.

How many balloons does Mary have?

A) 2   B) 3   C) 5   D) 7