

# SAT Math

## Linear Equations in One Variable 1

Question # ID

1.1 097e10f5

What value of  $p$  satisfies the equation  $5p + 180 = 250$ ?

- A. 14
- B. 65
- C. 86
- D. 250

1.2 997bec28

The perimeter of an isosceles triangle is 83 inches. Each of the two congruent sides of the triangle has a length of 24 inches. What is the length, in inches, of the third side?

1.3 6ac23de7

$$\frac{4x}{5} = 20$$

In the equation above, what is the value of  $x$  ?

- A. 25
- B. 24
- C. 16
- D. 15

1.4 7392dfc1

Which of the following is equivalent to  $4x + 6 = 12$  ?

- A.  $2x + 4 = 6$
- B.  $x + 3 = 3$
- C.  $3x + 2 = 4$
- D.  $2x + 3 = 6$