SAT Math Practice Worksheet

Here's a practice multiple-choice question (MCQ) worksheet with 20 questions for SAT Math preparation:

If $3x + 4 = 19$, what is the value of x?
a) 5
b) 7
c) 6
d) 8

Simplify: $\sqrt{(16 + \sqrt{9})}$
a) 4
b) 5
c) 6
d) 7

What is the solution to the equation $2(3x + 5) = 28$?
a) 6
b) 7
c) 8
d) 9

In a triangle, if two angles are 30° and 60°, what is the measure of the third angle?
a) 30°
b) 45°
c) 60°
d) 90°

Which of the following represents the slope-intercept form of the equation of a line?
a) $y = mx + c$
b) $y = mx - b$
c) $y = ax + b$
d) $y = ax - c$

What is the value of x in the equation 2x + 3 = 11?
a) 3
b) 4
c) 5
d) 6

The perimeter of a rectangle is 26 cm, and its length is twice its width. What is the length of the rectangle?
a) 6 cm
b) 8 cm
c) 10 cm
d) 12 cm

What is the value of 2^3 + 3^2?
a) 8
b) 11
c) 17
d) 25

In a circle, the ratio of the circumference to the diameter is:
a) π
b) 2π
c) 1/π
d) 1/(2π)

If 20% of a number is 30, what is 25% of the same number?
a) 32.5
b) 37.5
c) 40
d) 45

What is the value of √(144) + √(81)?
a) 17
b) 18
c) 19
d) 20

Solve the equation: 2x - 5 = 3(x + 1)
a) -8
b) -5
c) 1
d) 4

In a right triangle, if one of the angles is 30°, what is the measure of the third angle?
a) 30°
b) 45°
c) 60°
d) 90°

What is the value of 3! (3 factorial)?
a) 3
b) 6
c) 9
d) 12

Solve the inequality: 2x + 5 > 13
a) x > 4
b) x > 5
c) x > 6
d) x > 7

The sum of the angles in a triangle is:
a) 90°
b) 180°
c) 270°
d) 360°

Solve for x: 5x - 3 = 12 + 4x
a) -9
b) -3
c) 3

d) 9

A rectangle has a length of 10 cm and a width of 6 cm. What is its area?
a) 16 cm²
b) 36 cm²
c) 60 cm²
d) 96 cm²

What is the value of log(base 10) 1000?
a) 1
b) 2
c) 3
d) 4

Solve the equation: 2(x - 4) = 3(2x + 1)
a) -9
b) -7
c) 1
d) 4

Please note that for each question, only one answer choice is correct.

— Maryam Farooqi, founder of Rise4Education