Finding the Unknown: Free Practice Worksheet

Class 7 · Maths · Chapter 15, Ganita Prakash · Home Practice

Name: _____ Roll No.: _____

Attempt all questions · Max marks: 5

Q1. Asha thinks of a number, multiplies it by 4 and then adds 7. She gets 43. If her number is x, which equation shows this? [1 mark]

(A) 4(x + 7) = 43

(B) 4x = 43 + 7

(C) 4x + 7 = 43

(D) x + 4 + 7 = 43

Answer: _____

Q2. x = 6 is the solution of the equation 5x − 8 = 2x + 10. [1 mark]

True / False

Q3. Solve 3(y − 4) = 21. [1 mark]

(A) y = 3

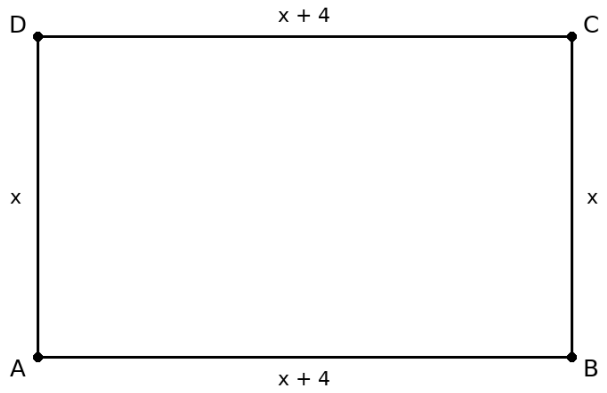
(B) y = 11

(C) y = $\frac{25}{3}$

(D) y = 63

Answer: _____

Q4. Look at the rectangle ABCD. The side lengths are in cm: the longer sides are x + 4 and the shorter sides are x. Its perimeter is 40 cm. What is the value of x? [1 mark]



(A) 8

(B) 12

(C) 18

(D) 10

Answer: _____

Q5. Meera's mother is 26 years older than Meera. In 4 years, her mother will be 3 times as old as Meera. Meera is _____ years old now. [1 mark]

Answer: _____

Answers

Finding the Unknown: *Free Practice Worksheet* · 5 *questions* · 5 *marks*.

Q1	Option C — 4x + 7 = 43
Q2	True
Q3	Option B — y = 11
Q4	Option A — 8
Q5	9

More Finding the Unknown practice, with a worked explanation for every question: *claylearn.in/maths/class-7/finding-the-unknown*