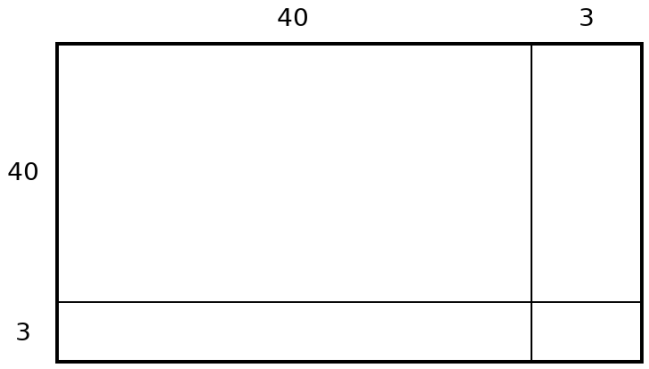
We Distribute, Yet Things Multiply: Free Practice Worksheet

Class 8 · Maths · Chapter 6, Ganita Prakash · Home Practice

Name: _____ Roll No.: _____

Attempt all questions · Max marks: 5

Q1. Look at the grid. It splits 43 × 43 into four parts. What is 43 × 43? [1 mark]



(A) 1609

(B) 1849

(C) 1729

(D) 1969

Answer: _____

Q2. For every number a, $(a - 3)(a + 3) = a^2 - 9$. [1 mark]

True / False

Q3. Which is the expanded form of $(x + 4)(x - 7)$? [1 mark]

(A) $x^2 + 3x - 28$

(B) $x^2 - 3x + 28$

(C) $x^2 - 3x - 28$

(D) $x^2 - 28$

Answer: _____

Q4. Using $a^2 - b^2 = (a + b)(a - b)$, what is 103×97? [1 mark]

(A) 9991

(B) 10009

(C) 10000

(D) 9409

Answer: _____

Q5. If $a + b = 10$ and $ab = 21$, then $a^2 + b^2$ = _____. [1 mark]

Answer: _____

Answers

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Q1	Option B — 1849
Q2	True
Q3	Option C — $x^2 - 3x - 28$
Q4	Option A — 9991
Q5	58

More We Distribute, Yet Things Multiply practice, with a worked explanation for every question: claylearn.in/maths/class-8/we-distribute-yet-things-multiply