

7.5 Puzzle Time

What Comes After A Seahorse?

Write the letter of each answer in the box containing the exercise number.

Tell whether a triangle with the given side lengths is a right triangle.

1. 8 in., 9 in., 12 in.

R. yes

S. no

2. 10 cm, 24 cm, 26 cm

A. yes

B. no

3. 9 mm, 16 mm, 18 mm

N. yes

O. no

Find the distance between the two points.

4. (0, 0), (6, 8)

D. 10

E. $\sqrt{300}$

5. (2, 3), (-3, -2)

Q. 5

R. $\sqrt{50}$

6. (4, -7), (5, -1)

D. 37

E. $\sqrt{37}$

7. During math class, your friend sits in the second row, third seat, which can be represented by the point (2, 3). You sit in the fifth row, first seat, which can be represented by the point (5, 1). What is the distance between your seats?

G. 13

H. $\sqrt{13}$

2		4	-	7	3	5	1	6
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