

Grade 7 word problems

NAME	DATE	SCORE / 8
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Read each problem. Show your work.

- 1

A circular garden has a radius of 9 meters. The area of the garden is π square meters. What number goes in the box?

- 2

A circular garden has a diameter of 16 meters. The area of the garden is π square meters. What number goes in the box?

- 3

A circular garden has a radius of 8 meters. Edging goes once around the garden. The edging is π meters long. What number goes in the box?

- 4

A hose fills 20 gallons in 3 minutes. At the same rate, how many gallons does the hose fill in 9 minutes?

- 5

A bird is flying at 32 meters and a fish is swimming at -7 meters, both measured from sea level. The fish is right below the bird. How many meters apart are the bird and the fish?

- 6

A flag is shaped like a triangle. The two angles where the flag meets its pole measure 69° and 75° . What is the measure, in degrees, of the angle at the tip of the flag?

- 7

Anana's bank balance is $-\$17$. Ivy's bank balance is $\$5$. Whose balance is farther from $\$0$?

☐ Ana
☐ Ivy

- 8

35 pens cost $\$20$. At the same price, how much do 21 pens cost, in dollars?

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1	81	2	64	3	16
4	60	5	39	6	36
7	Ana	8	12		