ANSWERS

VOLUME OF MIXED PYRAMIDS

Instructions Find the volume of a pyramid using the formula and write the result: $V = \frac{1}{3} b^2 h$

1. Find the volume of a pyramid with a square base of 11 cm and a height of 22 cm:

$V = \frac{1}{3} b^2 h$

887.3cm3 $= \frac{1}{3}(11)^2(22)$

2. Find the volume of a pyramid with a square base of 2 cm and a height of 4 cm:

$V = \frac{1}{3} b^2 h$

5.3cm3 $= \frac{1}{3}(2)^2(4)$

3. Find the volume of a pyramid with a square base of 3 cm and a height of 6 cm:

$V = \frac{1}{3} b^2 h$

18cm3 $= \frac{1}{3}(3)^2(6)$

4. Find the volume of a pyramid with a square base of 4 cm and a height of 8 cm:

$V = \frac{1}{3} b^2 h$

42.6cm3 $= \frac{1}{3}(4)^2(8)$

5. Find the volume of a pyramid with a square base of 5 cm and a height of 10 cm:

$V = \frac{1}{3} b^2 h$

83.3cm3 $= \frac{1}{3}(5)^2(10)$

How Did You Do? ☺ 😐 ☹

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