SPECIAL RIGHT TRIANGLES · GRADE 12

Special Right Triangles · Grade 12

Name _____ Date _____ Score _____ / 6

01 In a 30°-60°-90° triangle with short leg 10, the hypotenuse =

Answer: _____

02 In a 30°-60°-90° triangle with short leg 12, the hypotenuse =

Answer: _____

03 In a 45°-45°-90° triangle with legs 12, the hypotenuse =

Answer: _____

04 In a 30°-60°-90° triangle with short leg 4, the hypotenuse =

Answer: _____

05 In a 45°-45°-90° triangle with legs 5, the hypotenuse =

Answer: _____

06 In a 45°-45°-90° triangle with legs 4, the hypotenuse =

Answer: _____

Special Right Triangles · Grade 12 (Answer Key)

01 In a 30°-60°-90° triangle with short leg 10, the hypotenuse =

20

02 In a 30°-60°-90° triangle with short leg 12, the hypotenuse =

24

03 In a 45°-45°-90° triangle with legs 12, the hypotenuse =

$12\sqrt{2}$

04 In a 30°-60°-90° triangle with short leg 4, the hypotenuse =

8

05 In a 45°-45°-90° triangle with legs 5, the hypotenuse =

$5\sqrt{2}$

06 In a 45°-45°-90° triangle with legs 4, the hypotenuse =

$4\sqrt{2}$