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Geometry — Hard (20 Questions) — Answer Key

Name:

Date:

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/ 20

Find the perimeter or area for each shape as shown. Show your working.

1

Perimeter of a
rectangle 59×61

Answer:

2

Perimeter of a
square with side
77

Answer:

3

Perimeter of a
square with side
42

Answer:

4

Perimeter of a
rectangle 23×99

Answer:

5

Perimeter of a
rectangle 89×59

Answer:

6

Perimeter of a
rectangle 76×61

Answer:

7

Perimeter of a
square with side
81

Answer:

8

Perimeter of a
rectangle 90×14

Answer:

9

Perimeter of a
rectangle 56×92

Answer:

10

Perimeter of a
square with side
19

Answer:

11

Area of a
rectangle 43×42

Answer:

12

Area of a
rectangle 6×6

Answer:

13

Area of a square
with side 19

Answer:

14

Area of a square
with side 12

Answer:

15

Area of a triangle:
base 100, height
30 (use $\frac{1}{2} \times b \times h$)

Answer:

16

Area of a
rectangle 27×3

Answer:

17

Area of a
rectangle 19×12

Answer:

18

Area of a
rectangle 41×3

Answer:

19

Area of a
rectangle 24×37

Answer:

20

Area of a square
with side 15

Answer:

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ANSWER KEY — Geometry — Hard (20 Questions) — Answer Key

Answer Key

Find the perimeter or area for each shape as shown. Show your working.

1

Perimeter of a rectangle 59×61

Answer:

240

2

Perimeter of a square with side 77

Answer:

308

3

Perimeter of a square with side 42

Answer:

168

4

Perimeter of a rectangle 23×99

Answer:

244

5

Perimeter of a rectangle 89×59

Answer:

296

6

Perimeter of a rectangle 76×61

Answer:

274

7

Perimeter of a square with side 81

Answer:

324

8

Perimeter of a rectangle 90×14

Answer:

208

9

Perimeter of a rectangle 56×92

Answer:

296

10

Perimeter of a square with side 19

Answer:

76

11

Area of a rectangle 43×42

Answer:

1806

12

Area of a rectangle 6×6

Answer:

36

13

Area of a square with side 19

Answer:

361

14

Area of a square with side 12

Answer:

144

15

Area of a triangle: base 100, height 30 (use $\frac{1}{2} \times b \times h$)

Answer:

1500

16

Area of a rectangle 27×3

Answer:

81

17

Area of a rectangle 19×12

Answer:

228

18

Area of a rectangle 41×3

Answer:

123

19

Area of a rectangle 24×37

Answer:

888

20

Area of a square with side 15

Answer:

225



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