

## Complete Area & Perimeter Review

- 1) A square measuring  $3\frac{1}{2}$  inches per side has an area of \_\_\_\_\_.
- 2) Find the area of a triangular field with a base of .4 km and a height of 16.5 km. \_\_\_\_\_
- 3) Find the perimeter of a rectangle  $\frac{1}{3}$  yard wide by  $7\frac{1}{2}$  yards long. \_\_\_\_\_
- 4) What is the area of the rectangle in question 3? \_\_\_\_\_
- 5) A journal page  $2\frac{1}{4}$ " X  $3\frac{1}{2}$ " has an area of \_\_\_\_\_.
- 6) What is the area of a right triangle with a base of  $3\frac{2}{3}$  yards, a height of  $\frac{3}{4}$  yards and a hypotenuse of  $3\frac{5}{6}$  yards? \_\_\_\_\_
- 7) What is the perimeter of the triangle in question 6? \_\_\_\_\_
- 8) Find the perimeter of a park  $4\frac{1}{6}$  miles long by  $2\frac{1}{5}$  miles wide. \_\_\_\_\_
- 9) What is the perimeter of a square 17.9 hm on each side? \_\_\_\_\_
- 10) A triangle with a  $6\frac{4}{8}$  yd base and a  $4\frac{3}{6}$  yd height has an area of \_\_\_\_\_
- 11) The area of a strip of paper  $\frac{1}{8}$ " by 8" is \_\_\_\_\_
- 12) Find the area of a right triangle with a base of  $10\frac{5}{8}$  inches,  
a height of  $7\frac{1}{2}$  inches and a hypotenuse of  $12\frac{15}{16}$  inches. \_\_\_\_\_
- 13) What is the perimeter of the triangle in question 12? \_\_\_\_\_
- 14) Find the area of a floor 16.5 ft by 10.25 ft. \_\_\_\_\_
- 15) A rectangular lot  $3\frac{1}{2}$  furlongs by  $4\frac{2}{5}$  furlongs has an area of \_\_\_\_\_



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- 16) What is the area of the lot in question 15? \_\_\_\_\_
- 17) A cement slab  $3\frac{2}{5}$  miles long by  $4\frac{2}{7}$  miles wide has an area of \_\_\_\_\_
- 18) What is the perimeter of the slab in question 17? \_\_\_\_\_
- 19) Find the area of a rectangle 36.7 M by 20.8 M. \_\_\_\_\_
- 20) What is the area of a triangle 120.4 km (base) & 9.1 (height)? \_\_\_\_\_
- 21) The area of a rectangular space  $3\frac{3}{4}$  ' by  $22\frac{2}{3}$  ' is \_\_\_\_\_
- 22) Find the area of a triangle  $21\frac{1}{2}$  ft. high with a  $30\frac{1}{3}$  ft. base. \_\_\_\_\_
- 23) Find the perimeter of a hallway  $12\frac{1}{2}$  ft. long &  $3\frac{3}{4}$  ft. wide. \_\_\_\_\_
- 24) What is the area of the hallway in question 23? \_\_\_\_\_
- 25) Find the area of a triangle with a hypotenuse of 13.6 centimeters,  
a height of 7.6 centimeters, and a base of 11.4 centimeters. \_\_\_\_\_
- 26) What is the perimeter of the triangle in question 25? \_\_\_\_\_
- 27) Find the perimeter of a triangle with an 8.21 mm hypotenuse,  
a 7.2 mm base, and a height of 3. mm. \_\_\_\_\_
- 28) Find the area of the triangle in question 27. \_\_\_\_\_
- 29) A square 6.12 Meters on each side has an area of \_\_\_\_\_
- 30) The perimeter of the square in question 29 is \_\_\_\_\_



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### Answer Key

- 1)  $12\frac{1}{4}$  sq. '    2) 3.3 sq. km    3)  $15\frac{2}{3}$  yds.    4)  $2\frac{1}{2}$  sq.yds.    5)  $7\frac{7}{8}$  sq."    6)  $1\frac{3}{8}$  sq. yds.  
7)  $8\frac{1}{4}$  yds.    8)  $9\frac{1}{6}$  sq. miles    9) 320.41 sq.hm.    10)  $14\frac{5}{8}$  sq.yds    11) 1 sq."    12)  $39\frac{27}{32}$  sq."  
13)  $31\frac{1}{16}$  "    14) 169.125 sq. ft.    15)  $15\frac{2}{5}$  sq. furlongs    16)  $15\frac{4}{5}$  furlongs    17)  $14\frac{4}{7}$  sq. mi.  
18)  $15\frac{13}{35}$  miles    19) 763.36 sq. M    20) 547.82 sq. km.    21) 85 sq. '    22)  $326\frac{1}{12}$  sq. ft.    23)  $32\frac{1}{2}$  ft.  
24)  $46\frac{7}{8}$  sq. ft.    25) 43.32 sq. cm.    26) 32.6 cm.    27) 19.11 mm.    28) 13.32 sq. cm.  
29) 37.4544 sq. M    30) 24.48 M

