

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Surface Area of Rectangular Prisms Maze Work Space

Show all work for each problem!

$$2(4 \times 2) + 2(2 \times 6) + 2(4 \times 6) = 16 + 24 + 48 = \boxed{88 \text{ m}^2}$$

$$2(2 \times 3) + 2(3 \times 4) + 2(2 \times 4) = 12 + 24 + 16 = \boxed{52 \text{ m}^2}$$

$$2(6 \times 5) + 2(5 \times 20) + 2(6 \times 20) = 60 + 200 + 240 = \boxed{500 \text{ m}^2}$$

$$2(7 \times 7) + 2(7 \times 15) + 2(7 \times 7) + 2(7 \times 15) = 98 + 420 = \boxed{518 \text{ m}^2}$$

$$2(2 \times 2) = \boxed{24 \text{ m}^2}$$

$$2(2 \times 2) + 2(2 \times 7) + 2(8 + 56) = \boxed{64 \text{ m}^2}$$

$$2(5 \times 5) = \boxed{150 \text{ m}^2}$$

$$2(8 \times 3) + 2(3 \times 4) + 2(8 \times 4) = 48 + 24 + 64 = \boxed{136 \text{ m}^2}$$

$$2(1 \times .5) + 2(14 \times .5) + 1 + 28 + 14 = \boxed{43 \text{ m}^2}$$

$$2(10 \times 3) + 2(3 \times 5) + 2(10 \times 5) = 60 + 30 + 100 = \boxed{190 \text{ m}^2}$$

$$2(15 \times 5) + 2(5 \times 2) + 2(15 \times 2) = 150 + 20 + 60 = \boxed{230 \text{ m}^2}$$

$$2(2 \times 1) + 2(2 \times 1) + 2(2 \times 2) = 4 + 4 + 8 = \boxed{130 \text{ m}^2}$$

$$2(9 \times 8) + 2(8 \times 2) + 2(9 \times 8) + 2(21 \times 9) = 144 + 336 + 378 = \boxed{858 \text{ m}^2}$$

$$2(9 \times 9) = \boxed{486 \text{ m}^2}$$

$$2(12 \times 2) + 2(2 \times 6) + 2(12 \times 6) = 48 + 24 + 144 = \boxed{216 \text{ m}^2}$$

