

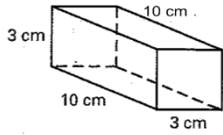
Math Concepts HW 3 1.28.15

The shaded tiles in the large square each have an area of one square foot.

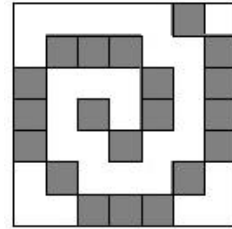
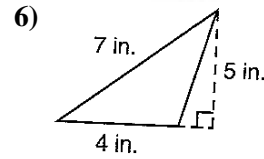
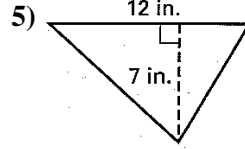
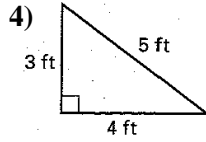
1) Find the area of the large square.

2) Find the perimeter of the large square.

3) Find the volume.



Find the area of each figure below.



Arrange from least to greatest.

7) 8.88, 8.787, 8.8

8) $3\frac{1}{2}$, $3\frac{1}{3}$, $3\frac{1}{10}$

9) 22.029, 22.22, 23

10) $\frac{3}{4}$, $\frac{1}{2}$, $\frac{2}{3}$

Use the distributive property to write a multiplication sentence with parentheses.

11) $6 \cdot 49 = (\quad) + (\quad)$

12) $8 \cdot 359 = (\quad) + (\quad) + (\quad)$

Write as an improper fraction.

13) $6\frac{3}{4}$

14) $2\frac{5}{12}$

15) 10

Write as a mixed number.

16) $\frac{50}{7}$

17) $\frac{100}{9}$

18) $\frac{3607}{5}$

19) $45.9 + 122$

20) $97 - 4.55$

21) $34\frac{2}{3} + 50\frac{4}{7}$

22) $345\frac{11}{12} - 72\frac{1}{6}$

23) Christin and three of her friends bought four smoothies for a total of \$3. Find the price of 1 smoothie.

24) If she purchases smoothies on another day for herself and nine of her friends, how much money will she spend?