Math Concepts HW 11 4.20.15
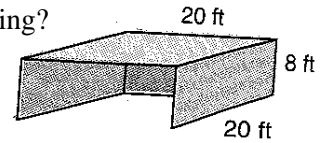
Evaluate <u>and</u> show your work.
1) $5895 \div 52$ **2)** $27{,}365 \div 65$ **3)** 120% of 75   **4)** 300 increased by 5%   **5)** half of 19.5

6) How many 1 ft^3 boxes can fit inside this garage if you stack them up to the ceiling?

7) I want to paint the outside walls and ceiling. How many square feet is that?

8) A bucket of paint coats 200 ft^2. How many buckets do I need to buy?

20 ft

8 ft

20 ft

9) Last year Connor made $350 in tips. This year that amount changed by 10%. What are the possible amounts for Connor's tips this year?

10) Three burritos cost $5. How much for 60 burritos?   **11)** What percent of 80 is 20?
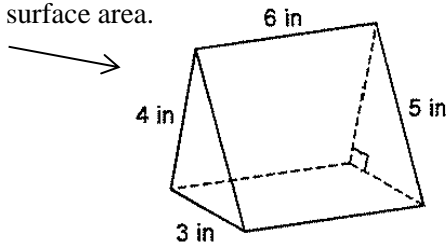
12) All cell phones are 10% off. Find the sale price of a $120 phone.   **13)** How many halves in 40?

Evaluate when a $= 2\frac{1}{4}$, **b** $= 4\frac{1}{2}$, **c** $= \frac{1}{6}$ **and d** $= 12$.
14) ad   **15)** $d - 5 + b$ **16)** $d^2 + c^3$ **17)** $d + c(b - a)$ **18)** $2b + b \div c$

19) Find the surface area.

6 in

4 in   5 in

3 in

20) Find the volume.

3 cm

3 cm   4 cm

6 cm

5 cm