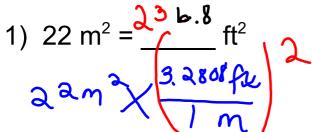
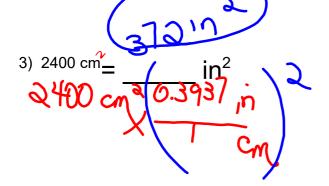
MORE EXAMPLES...

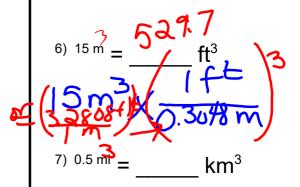






4)
$$750 \text{ yd} \stackrel{}{=} \underline{\qquad} m^2$$

5)
$$315 \text{ yd}^3 = \underline{\qquad} \text{m}^3$$



HOMEWORK SOLUTIONS...

Converting English and Metric

1) 741.61	_ cubic feet	=	21	cubic meters
2) 13.5	_ square yards	=	_11.29	square meters
3) 26.31	square yards	=	_22	square meters
4) 7	feet	=	2.13	meters
5) 17.5	yards	=	_16	meters
6) 14.39	cubic yards	=	_11	cubic meters
7) 1	feet	=	0.3	meters
8) 10	inches	=	25.4	centimeters
9) 13.73	cubic yards	=	10.5	cubic meters
10) 335.49	cubic feet	=	9.5	cubic meters
11) 13.36	miles	=	21.5	kilometers
12) 17	feet	=	5.18	meters
13) 2.99	square yards	=	2.5	square meters
14) 1.24	square inches	= .	8	square centimeters
15) 0.93	square inches	= .	6	square centimeters
16) 4.5	yards	= .	4.11	meters
17) 2	square feet	= .	0.19	square meters
18) 3	cubic feet	= .	0.08	cubic meters
19) 16.4	yards	= _	15	meters
20) _25	inches	= _	63.5	centimeters
Quiz - Converting Measurements				Math-Aids.Com

5. Moncton Recreation, Parks and Culture wants to install grass sod on a playground that measures 20 m x 40 m. Two companies have bid on the job. Company A's bid was \$4.00/yd² installed. Company B put in a bid of \$2.50/m² plus \$2000.00 for installation. Which company should get the job based on the best price?

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7. Shelley is trying to decide whether to put hardwood flooring or carpet on her living room floor. The dimensions of the room are 22 ft by 16 ft. The hardwood flooring costs \$18.99/m² with an installation cost of \$1500.00. The carpet costs \$21.95/yd² with an installation cost of \$1350.00. Which type of flooring costs less?

- 9. Irina purchased a farm in the Annapolis Valley of Nova Scotia. She wants to plant balsam fir seedlings, and she estimated the field measures 72 yards by 65 yards. The tree nursery manager told her that each seedling requires an area of 64 ft² to grow properly. The seedlings cost \$0.65 each. The nursery sells them in bundles of 20, and she cannot order partial bundles.
 - a) How many seedlings can Irina plant on her acre of land?
 - b) How much will it cost to purchase the seedlings?

Worksheet - Converting Squared and Cubed Units.docx