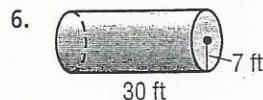
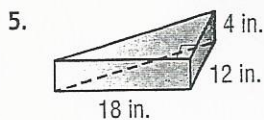
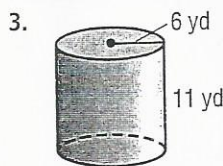
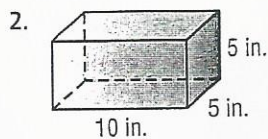
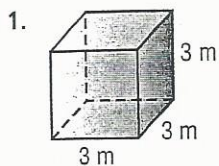


Lesson 7-5

Pages 371-376

Find the volume of each solid. Round to the nearest tenth if necessary.

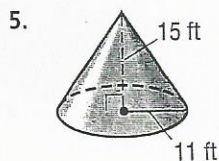
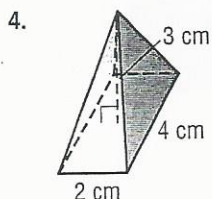
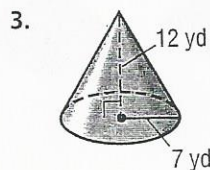
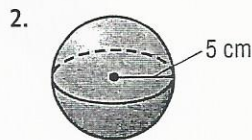
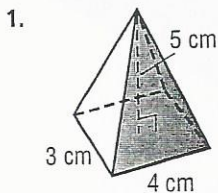


7. triangular prism: base of triangle, 7 yd; altitude, 18 yd; height of prism, $5\frac{1}{3}$ yd.

Lesson 7-6

Pages 379-385

Find the volume of each solid. Round to the nearest tenth if necessary.



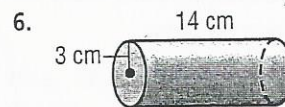
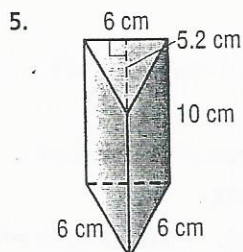
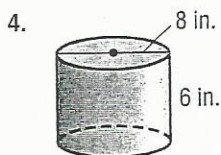
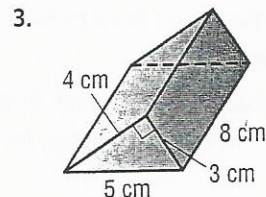
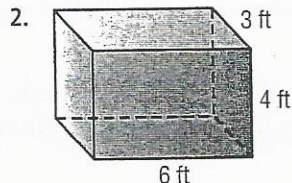
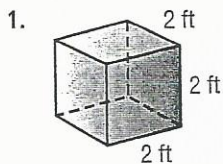
7. cone: diameter, 10 in.; height, 7 in.

8. sphere: radius, 9.5 ft

Lesson 7-7

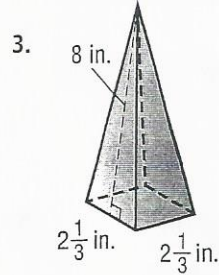
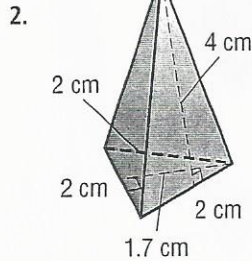
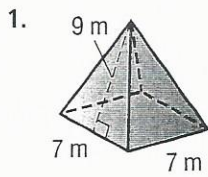
Pages 386-391

Find the lateral and total surface areas of each solid. Round to the nearest tenth if necessary.



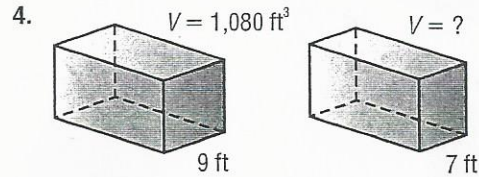
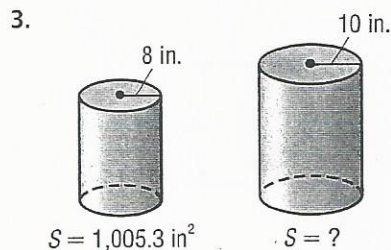
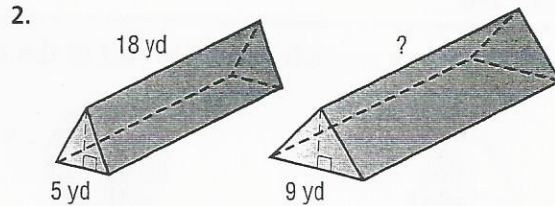
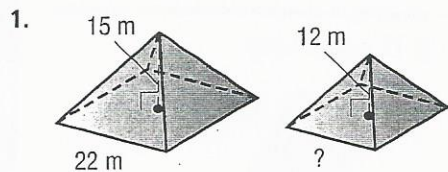
7. cylinder: diameter, 25 m; height, 30 m

Find the lateral and total surface area of each regular pyramid. Round to the nearest tenth if necessary.



Lesson 7-9

Find the missing measure for each pair of similar solids. Round to the nearest tenth if necessary.



Lesson 8-1

Draw a tree diagram to determine the number of possible outcomes.

1. A car comes in white, black, or red with standard or automatic transmission and with a 4-cylinder or 6-cylinder engine.
2. A customer can buy roses or carnations in red, yellow, pink, or white.
3. A pizza can be ordered with a regular or deep dish crust and with a choice of one topping, two toppings, or three toppings.

Use the Fundamental Counting Principle to find the number of possible outcomes.

4. A woman's shoe comes in red, white, blue, or black with a choice of high, medium, or low heels.
5. Sugar cookies, chocolate chip, or oatmeal raisin cookies can be ordered either with or without icing.
6. Susan can choose for her outfit a black or tan skirt, a white, pink, or cream shirt, black or tan shoes, and a red or black jacket.