Essential Skills 5

The questions in this series of worksheets appear frequently.



These are the GIFTS you must take to succeed

Changing the subject of a Formula (Non Calculator)

Change the subject to the indicated letter:

$$1. \qquad A = bc^2 + d$$

$$2. V = \pi r^2 h$$

3.
$$H = \sqrt{ft}$$

$$4. W = \frac{d^2}{p}$$

$$5. g = (vip)^2$$

6.
$$A = \frac{1}{2}absinC$$

$$7. gh^3 - d = w$$

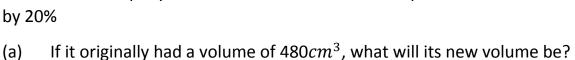
8.
$$P = \frac{5hs}{t}$$

$$9. D = \frac{3(a+b)}{f}$$

10.
$$T = \sqrt[3]{6t - 3}$$

APPLYING QUESTION (Calculator)

A cosmetics company aim to reduce the volume of a spherical bath bomb by 20%





(b) Calculate the radius of the resized bath bomb.