

Increase 40 by 10%

Increasing 40 by 10% is the same as finding 110%

First find the percentage multiplier

$$110\% \div 100 = 1.10$$

1.10 is the percentage multiplier

$$1.10 \times 40 = 44$$

40 increased by 10% is 44

Decrease 40 by 20%

Decreasing 40 by 20% is the same as finding 80%

First find the percentage multiplier

$$80\% \div 100 = 0.8$$

0.80 is the percentage multiplier

$$0.80 \times 40 = 32$$

40 decreased by 20% is 32

Decrease 40 by 3%

Decreasing 40 by 3% is the same as finding 97%

First find the percentage multiplier

$$97\% \div 100 = 0.97$$

0.97 is the percentage multiplier

$$0.97 \times 40 = 42.68$$

40 decreased by 3% is 42.68