

## Practice Task 1

### SAMPLE STRATEGIES

1. You want to buy two T-shirts. Which is the best buy, Shop A or Shop B?

Shop A. Buy two Bonds Tees at \$25 each and get 30% off the second T-shirt.	Shop B. All Bonds Tees 25% off normal price of \$30 each.
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#### Shop A

$$\text{Tee 1} = \$25$$

$$\text{Tee 2} = 25 - \left(\frac{3}{10} \times 25\right); \frac{1}{10} \times 25 = 2.5, \text{ so } \frac{3}{10} \times 25 = 7.5 (\$7.50)$$

$$\text{Tee 2} = 25 - 7.5 = 17.5 (\$17.50)$$

$$\$25 (\text{Tee 1}) + \$17.50 (\text{Tee 2}) = \mathbf{\$42.50}$$

#### Shop B

Each Tee is reduced by 25% or  $\frac{1}{4}$  of \$30

$$\frac{1}{4} \times \$30 = \$7.50 (30 \div 4)$$

$$\text{Each Tee is } 30 - 7.5 = 22.5 (\$22.50)$$

$$2 \times 22.50 = \mathbf{\$45.00}$$

**The best buy is from shop A (if you really want two Tees!)**