

## Questions to practice

1. Maria makes cases for her project that cost €300 in total. If she makes 300 cases, how much did each case cost to make?

$$\frac{€300}{300} = €1 \text{ per case}$$

2. Tom spent €30 to make 5 pencil holders. How much does each pencil holder cost to make?

$$\frac{€30}{5} = €6 \text{ per holder}$$

3. Kate makes buns for her Home Ec task. If she made €50 from selling 40 cakes, how much did each cake sell for?

$$\frac{€50}{40} = €1.25 \text{ per cake}$$

4. Andrew spent €2.87 at the stationery store. If he bought 7 pens, how much did each pen cost?

$$\frac{€2.87}{7} = 0.41 \text{ cent per pen}$$

5. Mario makes 750 cases for his project. If each case costs €3, how much money did he make?

$$750 \times 3 = €2.250$$

6. Brand X costs €5.04 for 14 ounces. Brand Y costs 1 cent more per ounce. What is the cost of 10 ounces of Brand Y?

$$\frac{5.04}{14} = 36 \text{ cent For Brand X}$$

Brand Y = 1 cent more - so 37 cent

$$10 \times 37 \text{ cent} = €3.70$$

7. Brand J costs €6.10 for 61 pieces. Brand K costs 1 cent more per piece. What is the cost of 61 ounces of Brand K?

$$\frac{€6.10}{61} = 10 \text{ Cent Brand J} - \text{Brand K} = 11 \text{ Cent}$$

$$61 \times 11 \text{ Cent} = €6.71$$

8. Brand A costs €1.65 for 55 pieces. Brand B costs 1 cent less per piece. What is the cost of 90 pieces of Brand B?

$$\frac{€1.65}{55} = 3 \text{ Cent} \quad 3 - 1 = 2 \text{ Cent}$$

$$90 \times 2 \text{ Cent} = €1.80$$

9. A single basket of goods costs €9 to make. Bulk buying goods will allow Naomi to fill 5 baskets totalling €42. How much will Naomi save by bulk buying 5 baskets rather than making individually?

$$€9 \times 5 = €45$$

$$€45 - €42 = €3 \text{ saving}$$

10. A single basket of goods costs €5.50 to make. Bulk buying goods will allow Derek to fill 7 baskets totalling €33.30. How much will Derek save by bulk buying rather than making individually?

$$€5.50 \times 7 = €38.50$$

$$€38.50 - €33.30 = €5 \text{ saving}$$

11. A single-serving carton of yogurt costs 81 cents. A case of 12 single-serving cartons costs €9.12. How much is saved in total by buying the yogurt by the case?

$$12 \times 0.81 = €9.72$$

$$€9.72 - €9.12 = 60 \text{ Cent saving}$$

12. A single-serving carton of yogurt costs 1.20 cents. A case of 6 single-serving cartons costs €7.00. How much is saved in total by buying the yogurt by the case?

$$6 \times €1.20 = €7.20$$

$$€7.20 - €7.00 = 20 \text{ Cent saving}$$