

1.

How much will a
5-minute call cost?

Call charge: 30p
+ 7p per minute.

$$7 \times 5 = 35 + 30 = 65p$$

2.

How much will a
10-mile trip cost?

Taxi charge: £2 +
20p per mile.

$$20 \times 10 = 200 = £2 + £2 = £4$$

3.

How long does a
5kg chicken take?

To cook: 1 hour
+ 15mins per kg.

$$15 \times 5 = 1 \text{ hour } 15 + 1 \text{ hour}$$

$$= 2 \text{ hours } 15 \text{ min}$$

4.

How much will a
7-minute call cost?

Call charge: 25p
+ 9p per minute.

$$9 \times 7 = 63 + 25 = 88p$$

5.

How much will a
6-mile trip cost?

Taxi charge: £3 +
35p per mile.

$$6 \times 35 = £2.10 + £3 = £5.10$$

6.

How long does a
7kg chicken take?

To cook: 1 hour
+ 25mins per kg.

$$7 \times 25 = 175 \text{ min} = 2 \text{ hours } 55 \text{ min}$$

$$+ 1 \text{ hour} = 3 \text{ hours } 55 \text{ min}$$

1. **Cost = 20p + 8p x number of minutes**

a) How much will a 5-minute call cost?

$5 \times 8 = 40 + 20 = 60p$

b) If the cost is £1, how long was the phone call?

Show your method

$100 - 20 = 80 \div 8 = 10$

10 min

2. **Cost = £3 + 20p x number of miles**

a) How much will a 10-mile trip cost?

$20 \times 10 = 200 = £2 + 3 = £5$

b) If the cost is £8.60, how many miles did I travel?

Show your method

$8.60 - 3 = 5.60 \div 20$

28 miles

3. **Cooking Time = 10 minutes per kg + 1 hour**

a) How long will a 5kg chicken take to cook?

$5 \times 10 = 50 + 1 \text{ hour} = 1 \text{ hour } 50 \text{ min}$

b) If a chicken takes 2 hours and 40 minutes to cook, how heavy is it?

Show your method

$2 \text{ hours } 40 \text{ min} - 1 \text{ hour} = 1 \text{ hour } 40 \text{ min} = 100 \text{ min}$
 $100 \div 10 = 10 \text{ kg}$

10 kg

4. **Cost = 8p per minute + 25p**

a) How much will a 7-minute call cost?

$8 \times 7 = 56 + 25 = 81p$

b) If the cost is 61p, how long was the phone call?

Show your method

$61 - 25 = 36 \div 8 = 4.5$

$4 \frac{1}{2} \text{ min}$