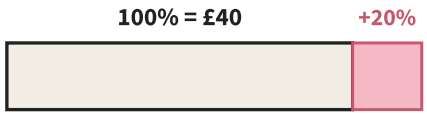
# Percentage Increase with a Multiplier

**1**

Increase £40 by 20%.



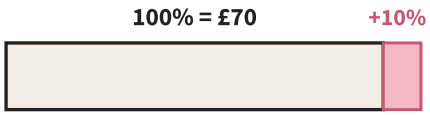

100% + 20% = 120%

120 ÷ 100 = ____

____ × ____ = ____

**2**

Increase £70 by 10%.



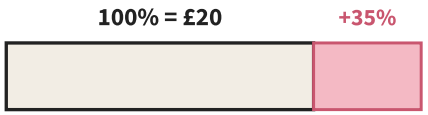

100% + 10% = 110%

____ ÷ 100 = ____

____ × ____ = ____

**3**

Increase £20 by 35%.



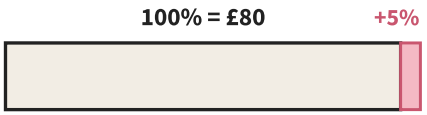

100% + 35% = 135%

____ ÷ 100 = ____

____ × ____ = ____

**4**

Increase £80 by 5%.



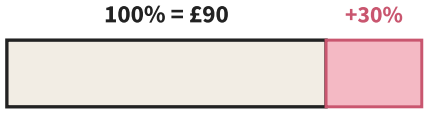

100% + 5% = 105%

____ ÷ 100 = ____

____ × ____ = ____

**5**

Increase £90 by 30%.



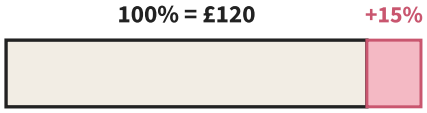

100% + ____ = ____

____ ÷ 100 = ____

____ × ____ = ____

**6**

Increase £120 by 15%.




100% + ____ = ____

____ ÷ 100 = ____

____ × ____ = ____

**7**

A club has 60 members.
The number of members goes up by 45%. How many members are there now?



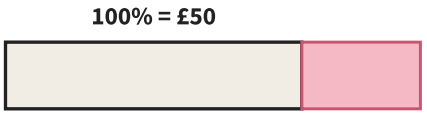

100% + ____ = ____

____ ÷ 100 = ____

____ × ____ = ____

**8**

£50 is multiplied by 1.4. What is the percentage increase? What is the new amount?




100% + ____ = ____

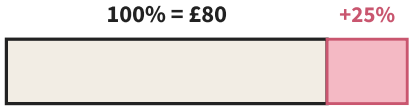
____ ÷ 100 = 1.4

____ × 1.4 = ____

# Percentage Increase with a Multiplier *further practice*

**9**

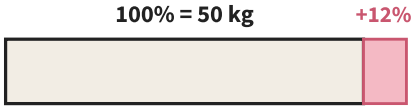
Increase £80 by 25%.




| | | | | |
|---|---|---|---|---|
| 100% | + | | = | |
| | ÷ | 100 | = | |
| | × | | = | |

**10**

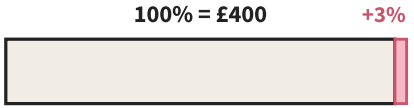
Increase 50 kg by 12%.




| | | | | |
|---|---|---|---|---|
| 100% | + | | = | |
| | ÷ | 100 | = | |
| | × | | = | |

**11**

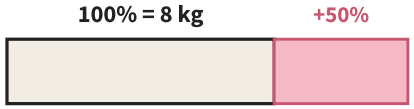
Increase £400 by 3%.




| | | | | |
|---|---|---|---|---|
| 100% | + | | = | |
| | ÷ | 100 | = | |
| | × | | = | |

**12**

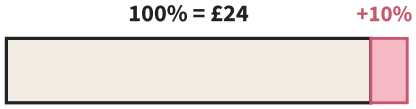
A puppy weighs 8 kg.
Its weight goes up by 50%.
How much does it weigh now?




| | | | | |
|---|---|---|---|---|
| 100% | + | | = | |
| | ÷ | 100 | = | |
| | × | | = | |

**13**

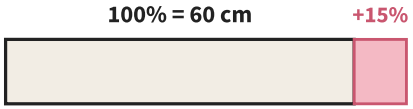
A meal costs £24. A 10% tip is added. What is the total?
The calculator shows 26.4.




**Total** _____

**14**

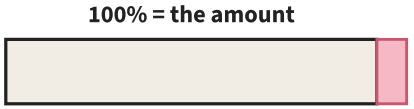
Two plants are 60 cm tall.
Plant A grows by 15%.
Plant B grows by 8 cm.
Which plant is taller now?




**Answer** _____

**15**

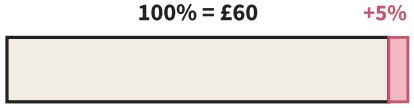
An amount is multiplied by 1.08.
What is the percentage increase?




**Answer** _____

**16**

Kai increases £60 by 5%.
He writes 60 × 1.5 = 90.
What has he done wrong?




**Kai should** _____

**Right answer** _____