

Equivalent Ratios and Rates

Find the rate from each equivalent fraction. Also, write the corresponding equivalent ratio in the simplest form.

6 cookies for 3 persons (6 : 3)

Rate = 2 cookies/person

Equivalent Ratio = 2 : 1

1) 8 kg in 2 bags (8 : 2)

Rate = _____

Equivalent Ratio = _____

2) 12 rooms in 3 floors (12 : 3)

Rate = _____

Equivalent Ratio = _____

3) 20 mangoes in 5 cartons (20 : 5)

Rate = _____

Equivalent Ratio = _____

4) 55 people in 11 groups (55 : 11)

Rate = _____

Equivalent Ratio = _____

5) 24 animals in 4 cages (24 : 4)

Rate = _____

Equivalent Ratio = _____

6) 32 boys in 8 groups (32 : 8)

Rate = _____

Equivalent Ratio = _____

7) 8 legs in 4 animals (12 : 4)

Rate = _____

Equivalent Ratio = _____

8) 55 candles in 5 packets (55 : 5)

Rate = _____

Equivalent Ratio = _____

9) 16 people in 2 cars (16 : 2)

Rate = _____

Equivalent Ratio = _____

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Answers

6 cookies for 3 persons (6 : 3)

Rate = 2 cookies/person

Equivalent Ratio = 2:1

2) 12 rooms in 3 floors (12 : 3)

Rate = 4 rooms/floor

Equivalent Ratio = 4:1

4) 55 people in 11 groups (55 : 11)

Rate = 5 people/group

Equivalent Ratio = 5:1

6) 32 boys in 8 groups (32 : 8)

Rate = 4 boys/group

Equivalent Ratio = 4:1

8) 55 candles in 5 packets (55 : 5)

Rate = 11 candles/packet

Equivalent Ratio = 11:1

1) 8 kg in 2 bags (8 : 2)

Rate = 4 kg/bag

Equivalent Ratio = 4:1

3) 20 mangoes in 5 cartons (20 : 5)

Rate = 4 mangoes/carton

Equivalent Ratio = 4:1

5) 24 animals in 4 cages (24 : 4)

Rate = 6 animals/cage

Equivalent Ratio = 6:1

7) 8 legs in 4 animals (12 : 4)

Rate = 2 legs/animal

Equivalent Ratio = 2:1

9) 16 people in 2 cars (16 : 2)

Rate = 8 people/car

Equivalent Ratio = 8:1