

# Arithmetic – Fractions of Amounts

## Information:

These questions have been inspired by the KS1 Arithmetic test to help your children practise specific question types. Questions of this style also appear on the 2016 sample Arithmetic paper (questions 18, 21, 24 and 25), the 2016 Arithmetic Paper (questions 18, 22, 24 and 25), the 2017 Arithmetic Test (questions 14 and 24) and the 2018 Arithmetic Paper (questions 7 and 22).

## National Curriculum Objectives:

Mathematics Year 1: (1F1a) [Recognise, find and name a half as one of two equal parts of an object, shape or quantity](#)

Mathematics Year 1: (1F1b) [Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity](#)

Mathematics Year 2: (2F1a) [Recognise, find, name and write fractions  \$\frac{1}{3}\$ ,  \$\frac{1}{4}\$ ,  \$\frac{2}{4}\$  and  \$\frac{3}{4}\$  of a length, shape, set of objects or quantity](#)

## Differentiation:

**Beginner** Finding  $\frac{1}{2}$  of 2 digit numbers. Aimed at Year 1 Developing/Year 2 Emerging.

**Easy** Finding  $\frac{1}{2}$  and  $\frac{1}{4}$  of 2 digit numbers. Aimed at Year 1 Expected/Year 2 Developing.

**Tricky** Finding  $\frac{1}{2}$ ,  $\frac{1}{4}$  and  $\frac{1}{3}$  of 2 and 3 digit numbers. Aimed at Year 1 Greater Depth/Year 2 Expected.

**Expert** Finding  $\frac{2}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  and  $\frac{2}{5}$  of 2 and 3 digit numbers. Aimed at Year 2 Greater Depth.

More [Arithmetic](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

## Arithmetic – Fractions of Amounts

1

$$\frac{1}{2} \text{ of } 10 =$$

2

$$\frac{1}{2} \text{ of } 14 =$$

3

$$\frac{1}{2} \text{ of } 4 =$$

## Arithmetic – Fractions of Amounts

4

$$\frac{1}{2} \text{ of } 12 =$$

5

$$\frac{1}{2} \text{ of } 20 =$$

6

$$\frac{1}{2} \text{ of } 8 =$$

## Arithmetic – Fractions of Amounts

$$\frac{1}{2} \text{ of } 18 =$$
[illegible]
$$\frac{1}{2} \text{ of } 6 =$$
[illegible]
$$\frac{1}{2} \text{ of } 22 =$$
[illegible]

## Arithmetic – Fractions of Amounts

10

$$\frac{1}{2} \text{ of } 2 =$$

11

$$\frac{1}{2} \text{ of } 16 =$$

12

$$\frac{1}{2} \text{ of } 8 =$$

## Arithmetic – Fractions of Amounts

1

$$\frac{1}{2} \text{ of } 14 =$$

2

$$\frac{1}{4} \text{ of } 20 =$$

3

$$\frac{1}{4} \text{ of } 16 =$$

## Arithmetic – Fractions of Amounts

4

$$\frac{1}{4} \text{ of } 32 =$$

5

$$\frac{1}{2} \text{ of } 18 =$$

6

$$\frac{1}{2} \text{ of } 30 =$$

## Arithmetic – Fractions of Amounts

7

$$\frac{1}{4} \text{ of } 28 =$$

8

$$\frac{1}{4} \text{ of } 40 =$$

9

$$\frac{1}{2} \text{ of } 50 =$$



## Arithmetic – Fractions of Amounts

10

$$\frac{1}{4} \text{ of } 12 =$$

11

$$\frac{1}{2} \text{ of } 100 =$$

12

$$\frac{1}{4} \text{ of } 60 =$$

## Arithmetic – Fractions of Amounts

1

$$\frac{1}{3} \text{ of } 30 =$$

2

$$\frac{1}{2} \text{ of } 200 =$$

3

$$\frac{1}{4} \text{ of } 100 =$$

## Arithmetic – Fractions of Amounts

4

$$\frac{1}{4} \text{ of } 80 =$$

5

$$\frac{1}{2} \text{ of } 64 =$$

6

$$\frac{1}{3} \text{ of } 36 =$$

## Arithmetic – Fractions of Amounts

7

$$\frac{1}{3} \text{ of } 75 =$$

8

$$\frac{1}{3} \text{ of } 12 =$$

9

$$\frac{1}{2} \text{ of } 48 =$$

## Arithmetic – Fractions of Amounts

10

$$\frac{1}{4} \text{ of } 88 =$$

11

$$\frac{1}{2} \text{ of } 32 =$$

12

$$\frac{1}{3} \text{ of } 63 =$$

## Arithmetic – Fractions of Amounts

1

$$\frac{2}{3} \text{ of } 15 =$$

2

$$\frac{1}{4} \text{ of } 200 =$$

3

$$\frac{1}{2} \text{ of } 150 =$$

## Arithmetic – Fractions of Amounts

4

$$\frac{3}{4} \text{ of } 120 =$$

5

$$\frac{2}{5} \text{ of } 60 =$$

6

$$\frac{2}{3} \text{ of } 180 =$$

## Arithmetic – Fractions of Amounts

7

$$\frac{3}{5} \text{ of } 100 =$$

8

$$\frac{1}{5} \text{ of } 250 =$$

9

$$\frac{2}{3} \text{ of } 39 =$$



## Arithmetic – Fractions of Amounts

10

$$\frac{1}{2} \text{ of } 76 =$$

11

$$\frac{3}{4} \text{ of } 84 =$$

12

$$\frac{1}{5} \text{ of } 30 =$$

## Arithmetic – Fractions of Amounts

### Beginner

1. <b>5</b>	4. <b>6</b>	7. <b>9</b>	10. <b>1</b>
2. <b>7</b>	5. <b>10</b>	8. <b>3</b>	11. <b>8</b>
3. <b>2</b>	6. <b>4</b>	9. <b>11</b>	12. <b>4</b>

### Easy

1. <b>7</b>	4. <b>8</b>	7. <b>7</b>	10. <b>3</b>
2. <b>5</b>	5. <b>9</b>	8. <b>10</b>	11. <b>50</b>
3. <b>4</b>	6. <b>15</b>	9. <b>25</b>	12. <b>15</b>

### Tricky

1. <b>10</b>	4. <b>20</b>	7. <b>25</b>	10. <b>22</b>
2. <b>100</b>	5. <b>32</b>	8. <b>4</b>	11. <b>16</b>
3. <b>25</b>	6. <b>12</b>	9. <b>24</b>	12. <b>21</b>

### Expert

1. <b>10</b>	4. <b>90</b>	7. <b>60</b>	10. <b>38</b>
2. <b>50</b>	5. <b>24</b>	8. <b>50</b>	11. <b>63</b>
3. <b>75</b>	6. <b>120</b>	9. <b>26</b>	12. <b>6</b>