

## Answers – Developing Fraction of an Amount

### Varied Fluency

1a. 22, 42

2a. 11, 16, 125, 7

3a.  $40 > 30$ ,  $12 < 13$

4a. 19, 16

### Reasoning and Problem Solving

1a. 72

2a. No, Kian is not correct. He has 10 red and 16 blue stickers.

3a.  $\frac{1}{2}$  of 10 = 5;  $\frac{1}{5}$  of 10 = 2

## Answers – Developing Fraction of an Amount

### Varied Fluency

1b. 7, 23

2b. 12, 37, 30, 48

3b.  $6 < 16$ ,  $330 > 90$

4b. 8, 49

### Reasoning and Problem Solving

1b. 65

2b. No, Paula is not correct. She will have spent £5 on lunch and £9 on flowers.

3b.  $\frac{1}{6}$  of 30 = 5;  $\frac{1}{5}$  of 30 = 6

## Answers – Expected Fraction of an Amount

### Varied Fluency

1a. 480, 93

2a. 24, 77, 162, 51

3a.  $120 > 110$ ,  $420 = 420$

4a. 88, 108

### Reasoning and Problem Solving

1a. 126

2a. Tia has read the most pages.

(Tia 360, Liam 350)

3a.  $\frac{5}{6}$  of 720 = 600;  $\frac{5}{7}$  of 840 = 600;

$\frac{6}{7}$  of 840 = 720

## Answers – Expected Fraction of an Amount

### Varied Fluency

1b. 28, 260

2b. 142, 45, 23, 170

3b.  $97 < 132$ ,  $644 < 645$

4b. 168, 285

### Reasoning and Problem Solving

1b. 153

2b. Simon has spent the most money.

(Amy £5.25, Simon £5.60)

3b.  $\frac{4}{6}$  of 660 = 440;  $\frac{5}{6}$  of 660 = 550;

$\frac{4}{5}$  of 550 = 440

## Answers – Greater Depth Fraction of an Amount

### Varied Fluency

1a. 2,460; 468

2a. 160; 770; 2,400; 795

3a. 1,800 < 1,984; 630 > 600

4a. 260; 378

### Reasoning and Problem Solving

1a. 300

2a. Che knows the most employees.

(Che 576; Mia 480)

3a.  $\frac{30}{40}$  of 200 =  $\frac{18}{30}$  of 250

$\frac{18}{30}$  of 200 =  $\frac{24}{50}$  of 250

## Answers – Greater Depth Fraction of an Amount

### Varied Fluency

1b. 1,121; 288

2b. 198; 2,200; 1,645; 810

3b. 664 > 624; 285 < 288

4b. 424; 160

### Reasoning and Problem Solving

1b. 1,400

2b. Moses has the most money.

(Leo £900; Moses £1,320)

3b.  $\frac{11}{55}$  of 300 =  $\frac{22}{88}$  of 240

$\frac{25}{50}$  of 300 =  $\frac{55}{88}$  of 240