



Area of a Part Rectangle - Part Area and Fraction to Full Area

1

The area of the $\frac{2}{4}$ that is filled in is 16. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 16 \\ \text{fill} = \frac{2}{4} \end{array}$$

| | | | |
|---|----|---|----|
| A | 38 | B | 32 |
| C | 26 | D | 35 |
| E | 14 | F | 47 |

2

The area of the $\frac{4}{5}$ that is filled in is 48. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 48 \\ \text{fill} = \frac{4}{5} \end{array}$$

| | | | |
|---|----|---|----|
| A | 12 | B | 72 |
| C | 42 | D | 36 |
| E | 60 | F | 18 |

3

The area of the $\frac{2}{5}$ that is filled in is 28. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 28 \\ \text{fill} = \frac{2}{5} \end{array}$$

| | | | |
|---|----|---|-----|
| A | 84 | B | 70 |
| C | 35 | D | 112 |
| E | 91 | F | 56 |

4

The area of the $\frac{4}{5}$ that is filled in is 108. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 108 \\ \text{fill} = \frac{4}{5} \end{array}$$

| | | | |
|---|-----|---|-----|
| A | 96 | B | 187 |
| C | 135 | D | 213 |
| E | 161 | F | 148 |

5

The area of the $\frac{3}{4}$ that is filled in is 54. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 54 \\ \text{fill} = \frac{3}{4} \end{array}$$

| | | | |
|---|-----|---|----|
| A | 114 | B | 65 |
| C | 72 | D | 79 |
| E | 86 | F | 44 |

6

The area of the $\frac{1}{2}$ that is filled in is 6. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 6 \\ \text{fill} = \frac{1}{2} \end{array}$$

| | | | |
|---|----|---|----|
| A | 12 | B | 16 |
| C | 21 | D | 5 |
| E | 9 | F | 19 |

7

The area of the $\frac{4}{5}$ that is filled in is 40. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 40 \\ \text{fill} = \frac{4}{5} \end{array}$$

| | | | |
|---|----|---|----|
| A | 50 | B | 90 |
| C | 70 | D | 80 |
| E | 40 | F | 65 |

8

The area of the $\frac{1}{2}$ that is filled in is 35. What is the area of the full rectangle?

$$\begin{array}{l} A_{\text{part}} = 35 \\ \text{fill} = \frac{1}{2} \end{array}$$

| | | | |
|---|-----|---|-----|
| A | 14 | B | 105 |
| C | 91 | D | 70 |
| E | 112 | F | 84 |