

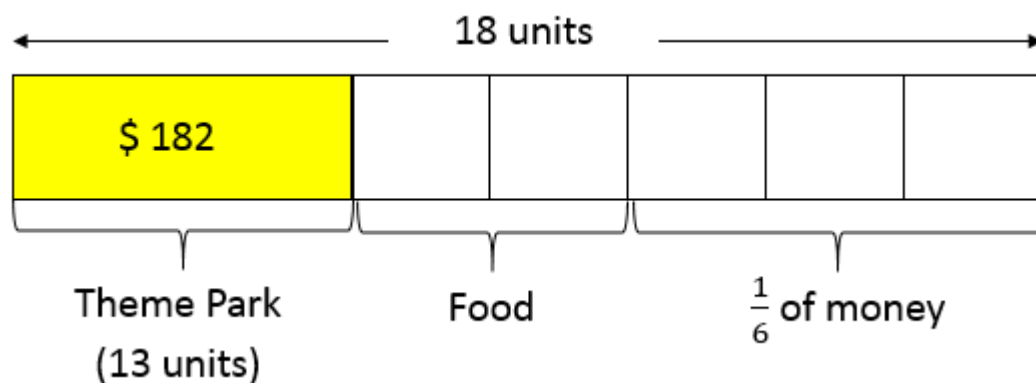
Name \_\_\_\_\_

Date : \_\_\_\_\_

1. Mr Raja had a sum of money. He spent \$182 of it on the entrance fees for his family to a theme park and  $\frac{2}{5}$  of the remainder on food.

After that, he had  $\frac{1}{6}$  of his money left.

How much money did he have at first?



$$\frac{1}{6} \text{ of Total} = 3 \text{ units}$$

$$\begin{aligned} \frac{6}{6} \text{ of Total} &= 3 \text{ units} \times 6 \\ &= 18 \text{ units} \end{aligned}$$

$$\begin{aligned} \text{Theme Park} &= 18 \text{ units} - 5 \text{ units} \\ &= 13 \text{ units} \end{aligned}$$

$$13 \text{ units} = \$ 182$$

$$\begin{aligned} 1 \text{ unit} &= \$ 182 \div 13 \\ &= \$ 14 \end{aligned}$$

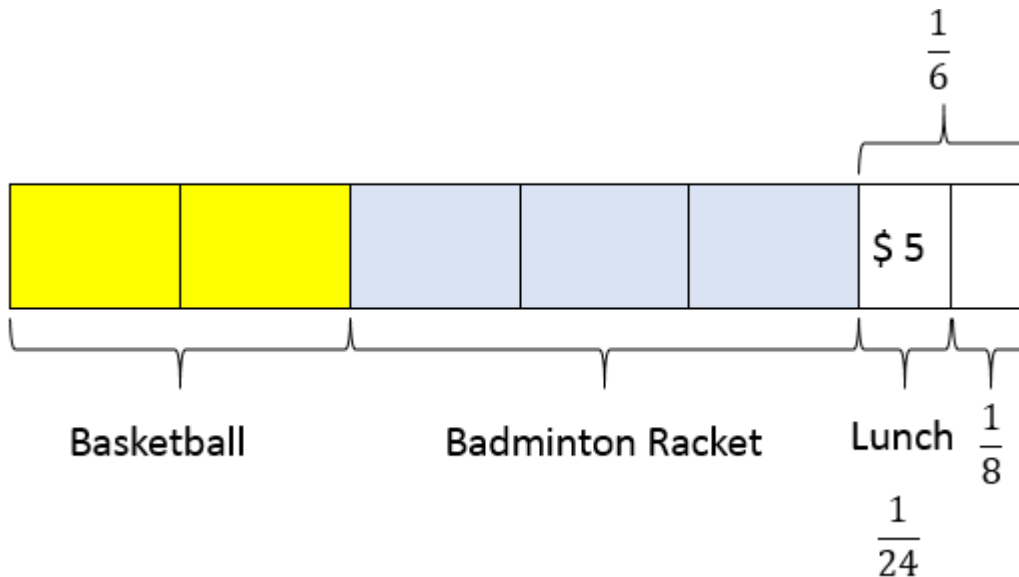
$$\begin{aligned} \text{Total} &= \$ 14 \times 18 \\ &= \$ 252 \end{aligned}$$

Ans : \$ 252

2. Jason spent  $\frac{1}{3}$  of his money on a basketball.

He spent  $\frac{3}{4}$  of the remaining money on a badminton racket.

He spent another \$5 on his lunch and had  $\frac{1}{8}$  of the original amount of money left. How much did the badminton racket cost?



$$\frac{1}{6} - \frac{1}{8} = \frac{1}{24}$$

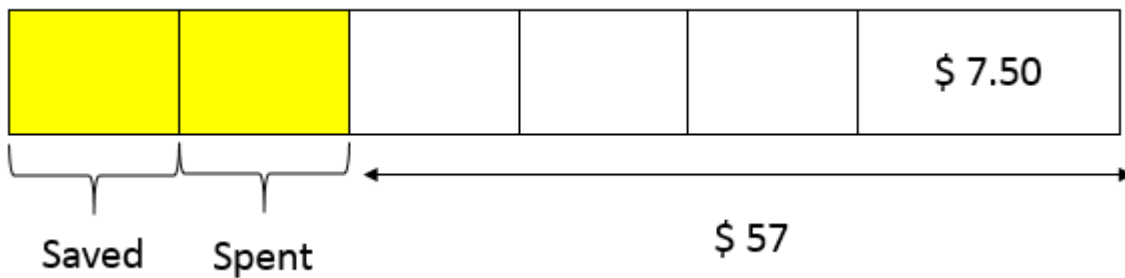
$$\frac{1}{24} \rightarrow \$5$$

$$\text{Badminton Racket} \rightarrow \frac{3}{6} = \frac{12}{24}$$

$$12 \times \$5 = \$60$$

Ans : \$ 60

3. Dan had a sum of money. He saved  $\frac{1}{5}$  of his money and spent  $\frac{1}{4}$  of the remainder. After receiving \$ 7.50 from his mother, Dan had \$ 57 in the end. How much money did Dan have at first?



$$3 \text{ units} + \$ 7.50 = \$ 57$$

$$\begin{aligned} 3 \text{ units} &= \$ 57 - \$ 7.50 \\ &= \$ 49.50 \end{aligned}$$

$$\begin{aligned} 1 \text{ unit} &= \$ 49.50 \div 3 \\ &= \$ 16.50 \end{aligned}$$

$$\begin{aligned} \text{Total} &= \$ 16.50 \times 5 \\ &= \$ 82.50 \end{aligned}$$

Ans : \$ 82.50

# Discover How Your Child Can Achieve Breakthrough in Math



Discover how my students  
improve 2-3 grades within 60 days

**Claim Your Free Trial Lesson**

**Call/SMS : 8725 7203**

**Book Online : [www.parkwaymath.com](http://www.parkwaymath.com)**