

**Follow the Example provided when Showing Your Work! Also include each unit rate/price. LABEL, LABEL, LABEL!**

1. 1,500 pages in 12 days = 375 pages in 3 days

**Unit Rate:** 125 pages per day

$$\frac{1,500 \text{ pages}}{12 \text{ days}} = \frac{125 \text{ pages}}{1 \text{ day}} = \frac{375 \text{ pages}}{3 \text{ days}}$$

2. 18 calls in 6 hours = \_\_\_\_\_ calls in 11 hours

**Unit Rate:**

3. 540 meters in 8 seconds = \_\_\_\_\_ meters in 2 seconds

**Unit Rate:**

4. 68 seats in 4 rows = \_\_\_\_\_ seats in 8 rows

**Unit Rate:**

5. 308 seeds in 11 pots = \_\_\_\_\_ seeds in 12 pots

**Unit Rate:**

6. 2,376 miles in 11 hours = \_\_\_\_\_ miles in 2 hours

**Unit Rate:**

7. \$4.80 for 3 batteries = \$ 16.00 for 10 batteries

Unit Price: \$1.60 per battery

$$\begin{array}{r} \underline{\$4.80} \div 3 = \underline{\$1.60} \times 10 = \underline{\$16.00} \\ 3 \text{ batteries} \div 3 = 1 \text{ battery} \times 10 = 10 \text{ batteries} \end{array}$$

8. \$29.16 for 12 roses = \$ \_\_\_\_\_ for 20 roses

Unit Price:

9. \$0.92 for 4 pencils = \$ \_\_\_\_\_ for 25 pencils

Unit Price:

10. \$15.75 for 7 books = \$ \_\_\_\_\_ for 10 books

Unit Price:

11. \$45.00 for 6 roses = \$ \_\_\_\_\_ for 4 roses

Unit Price:

12. \$15.98 for 34 staplers = \$ \_\_\_\_\_ for 12 staplers

Unit Rate:

Unit Rate and Price Ratios

Name Key

Follow the Example provided when Showing Your Work! Also include each unit rate/price. LABEL, LABEL, LABEL!

1. 1,500 pages in 12 days = 375 pages in 3 days

Unit Rate: 125 pages per day

$$\frac{1,500 \text{ pages}}{12 \text{ days}} = \frac{125 \text{ pages}}{1 \text{ day}} = \frac{375 \text{ pages}}{3 \text{ days}}$$

2. 18 calls in 6 hours = 33 calls in 11 hours

Unit Rate:

$$\frac{18 \text{ calls}}{6 \text{ hours}} = \frac{3 \text{ calls}}{1 \text{ hour}} = \frac{33 \text{ calls}}{11 \text{ hours}}$$

3. 540 meters in 8 seconds = 135 meters in 2 seconds

Unit Rate:

$$\frac{540 \text{ meters}}{8 \text{ seconds}} = \frac{67.5 \text{ meters}}{1 \text{ second}} = \frac{135 \text{ meters}}{2 \text{ seconds}}$$

4. 68 seats in 4 rows = 136 seats in 8 rows

Unit Rate:

$$\frac{68 \text{ seats}}{4 \text{ rows}} = \frac{17 \text{ seats}}{1 \text{ row}} = \frac{136 \text{ seats}}{8 \text{ rows}}$$

5. 308 seeds in 11 pots = 336 seeds in 12 pots

Unit Rate:

$$\frac{308 \text{ seeds}}{11 \text{ pots}} = \frac{28 \text{ seeds}}{1 \text{ pot}} = \frac{336 \text{ seeds}}{12 \text{ pots}}$$

6. 2,376 miles in 11 hours = 432 miles in 2 hours

Unit Rate:

$$\frac{2,376 \text{ miles}}{11 \text{ hours}} = \frac{216 \text{ miles}}{1 \text{ hour}} = \frac{432 \text{ miles}}{2 \text{ hours}}$$

7. \$4.80 for 3 batteries = \$ 16.00 for 10 batteries

Unit Price: \$1.60 per battery

$$\frac{\$4.80}{3 \text{ batteries}} = \frac{\$1.60}{1 \text{ battery}} \times 10 = \frac{\$16.00}{10 \text{ batteries}}$$

10. \$15.75 for 7 books = \$ 22.50 for 10 books

Unit Price:

$$\frac{\$15.75}{7 \text{ books}} = \frac{\$2.25}{1 \text{ book}} \times 10 = \frac{\$22.50}{10 \text{ books}}$$

8. \$29.16 for 12 roses = \$ 48.60 for 20 roses

Unit Price:

$$\frac{\$29.16}{12 \text{ roses}} = \frac{\$2.43}{1 \text{ rose}} \times 20 = \frac{\$48.60}{20 \text{ roses}}$$

11. \$45.00 for 6 roses = \$ 30 for 4 roses

Unit Price:

$$\frac{\$45.00}{6 \text{ roses}} = \frac{\$7.50}{1 \text{ rose}} \times 4 = \frac{\$30}{4 \text{ roses}}$$

9. \$0.92 for 4 pencils = \$ 5.75 for 25 pencils

Unit Price:

$$\frac{\$0.92}{4 \text{ pencils}} = \frac{\$0.23}{1 \text{ pencil}} \times 25 = \frac{\$5.75}{25 \text{ pencils}}$$

12. \$15.98 for 34 staplers = \$ 5.64 for 12 staplers

Unit Rate:

$$\frac{\$15.98}{34 \text{ staplers}} = \frac{\$0.47}{1 \text{ stapler}} \times 12 = \frac{\$5.64}{12 \text{ staplers}}$$