



Unit rates

What does one cost — or go — or make?

- Today: find and use the amount for exactly one.

Which is the better deal?

- 4 pens for \$2.00
- 6 pens for \$2.70

Turn & talk: how could you compare them fairly?

A unit rate is the amount for ONE

- Cost per one item, miles per one hour, words per one minute.
- To find it: divide the total by how many.

3 oranges cost \$1.20

- Cost per orange = $\$1.20 \div 3$

= \$0.40 per orange

120 miles in 3 hours

- Speed = $120 \div 3$
- Now: how far in 5 hours? ($40 \times 5 = 200$ mi)

= 40 miles per hour

Your turn

- 5 notebooks cost \$6.25. What is the cost of one?
- Solve it on your own — thumbs up when you have an answer.

Better deal — settled

- 4 pens/\$2.00 $\rightarrow$ \$0.50 each
- 6 pens/\$2.70 $\rightarrow$ \$0.45 each $\leftarrow$ better
- Compare the unit rate, not the total price.

Now you

- → In-class practice sheet