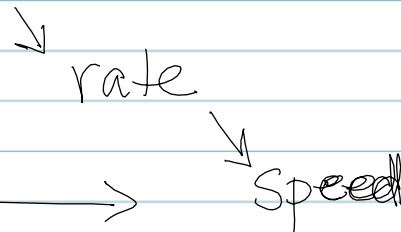
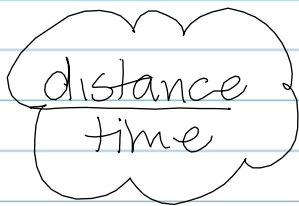


8/27

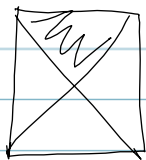
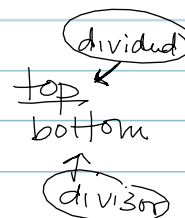
14 miles in 2 hours = ratio

$$\frac{14 \text{ miles}}{2 \text{ hrs}}$$



Speed is 7 mph

ratio becomes a rate by dividing



$$\frac{1}{4} \text{ part whole}$$

$$\frac{6 \text{ miles}}{2 \text{ hrs}}$$

4 marble
7 jacks

4:7

6 miles per 2 hrs

$$\frac{4}{11} \text{ fraction}$$

rate = 4 blocks per 4 hours

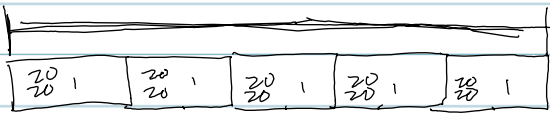
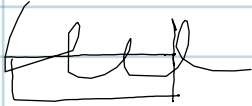
\$30 per day

\$150 per 5 days

$$\frac{\$30}{1 \text{ d}}$$

$$\frac{\$150}{5 \text{ d}}$$

205



205
calories

cracker

$$\frac{205 \text{ cal}}{5 \text{ cracker}} = \frac{41 \text{ cal}}{1 \text{ cracker}}$$

equation
of ratios

=
balance

2+2
expression

$$2+2 = 4$$

equation

proportion

rate = unit rate

\$1.00 for 2 lbs
\$0.50/lb

Kibble

\$4.99
1 lb bag

Big Dog

\$6.01
1 lb bag

25 lb. bag.

32 lb bag.

$$\frac{\$4.99}{25 \text{ lb}} = \frac{\$0.199}{1 \text{ lb}} \quad \uparrow \text{unit rate}$$

$$\frac{\$6.01}{32 \text{ lb}} = \frac{\$0.186}{1 \text{ lb}} \quad \uparrow \text{unit rate}$$

$$\begin{array}{r} .19 \approx .20 \\ 25 \overline{) 4.99} \\ \underline{25} \\ 249 \\ \underline{225} \\ 24 \end{array}$$

$$\begin{array}{r} .186 \approx .19 \\ 32 \overline{) 6.01} \\ \underline{32} \\ 281 \\ \underline{256} \end{array}$$

$$\begin{array}{r} 30 \\ \underline{8} \\ 240 \\ \underline{16} \\ 256 \end{array}$$

$$\begin{array}{r} \$2.88 \\ 12 \text{ oz} \end{array}$$

$$\begin{array}{r} .2 \\ 12 \overline{) 2.88} \\ \underline{24} \\ 48 \end{array}$$

$$\frac{\$2.88}{12 \text{ oz}} = \frac{\$0.24}{1 \text{ oz}}$$

rate

unit
rate

Unit rate = divisor is 1!

Any ratio (rate) can have a
unit rate.

EXIT TICKET (GRADED) p.30

- # 5
- # 6
- # 8
- # 9