

8-1

Lesson 5  
Fractional  
Parts

08/29

$\frac{\text{numerator}}{\text{denominator}}$

"of" = multiply

30 students in class

$\frac{1}{3}$  of the students wear glasses.

$\frac{2}{5}$  have brown hair

a) what fraction do not wear glasses?

$$\frac{2}{3}$$

b) how many wear glasses?

$$\frac{1}{3} \times 30 \rightarrow (1 \times 30) \div 3 = 10 \text{ students}$$

c) how many have brown hair?

$$\frac{2}{5} \times 30 = (30 \times 2) \div 5 = 12 \text{ students}$$

ARRANGE FROM LEAST TO GREATEST

$$\frac{3}{6}, \frac{3}{5}, \frac{3}{8}$$

$$\frac{3}{8}, \frac{3}{6}, \frac{3}{5}$$



$$\frac{4}{8} = \frac{1}{2}$$

$$\frac{2.5}{5} = \frac{1}{2}$$

$$\frac{3}{6} = \frac{1}{2}$$

$$\frac{9}{13} > \frac{1}{2}$$

$$\frac{6.5}{13} = \frac{1}{2}$$

$$\frac{2}{4}, \frac{2}{5}, \frac{2}{3}$$

$$\frac{2}{5}, \frac{2}{4}, \frac{2}{3}$$

$$\frac{2}{4} = \frac{1}{2} \quad \frac{2.5}{5} = \frac{1}{2} \quad \frac{1.5}{3} = \frac{1}{2}$$



LS: #1-5, 7, 11, 12, 17, 21, 26