

Remembering

Solve.

Show your work.

1. Presley ordered a small popcorn and Ella ordered a medium popcorn. They both ate $\frac{3}{4}$ of their popcorn. Who ate more popcorn? Explain.

Ella; Three-fourths of a larger whole is greater than three-fourths of a smaller whole.

2. It takes both Jack and Scott 12 minutes to walk to school. Jack had his headphones on for $\frac{2}{3}$ of the walk and Scott had his on for $\frac{2}{5}$ of the walk. Who had their headphones on longer? Explain.

Jack; I wrote an equivalent fraction for each fraction using the denominator 15:

$$\frac{2 \times 5}{3 \times 5} = \frac{10}{15}, \frac{2 \times 3}{5 \times 3} = \frac{6}{15}, \frac{10}{15} > \frac{6}{15}, \text{ so } \frac{2}{3} > \frac{2}{5}.$$

Draw each geometric figure. Check students' drawings.

3. a line segment

4. a line

5. an angle

6. Name the angle shown.

$\angle PQR$ or $\angle RQP$



7. **Stretch Your Thinking** You can think of the two hands of a clock as rays of an angle. What type of angle do you see between the clock hands when the clock shows the following times? Draw a sketch, if you need to.

a.) 3:05 acute angle

b.) 6:00 straight angle

c.) 9:10 obtuse angle