

Bonus Worksheet 3: Fractions

Name _____ Date _____

Solve the problems below using your knowledge of fractions. Express your answer in lowest terms.

1. What fraction of a day is 3 hours?
2. How many minutes are in $\frac{5}{6}$ of an hour?
3. If school meets for 10 months out of the year, then what fraction of the year are students off?
4. Sam gave Jesse $\frac{1}{2}$ of her chocolate bar and Jesse gave Abbey $\frac{2}{3}$ of his piece. What fraction of the original chocolate bar did Abbey get?
5. Jeremy gave $\frac{1}{2}$ of his candy bar to 4 friends. If his friends shared the piece equally, then what fraction of the original candy bar did each one get?
6. Justin gave $\frac{2}{3}$ of his pizza pie to 4 friends who shared the pizza equally. What fraction of the original pizza pie did each one get?
7. Amy gets 7 out of 8 math problems correct, Mark gets 7 out of 11 math problems correct and Carol gets 7 out of 9 math problems correct. Order these fractions from least to greatest.
8. In basketball, John scored a point in 5 out of 7 tries, Joe scored a point in 5 out of 6 tries, and Tim scored a point in 5 out of 8 tries. Order these players from least to greatest.
9. Coach A's team won 7 out of every 8 games, and Coach B's team won 9 out of every 16 games. Determine which coach has a better record.
10. The E train is on time 5 out of every 8 runs, and the F train is on time 11 out of every 16 runs. Determine which train has a better record by converting both fractions to decimals.