Name the Winner

Comparing fractions by benchmarking to ½

Name:

Compare each fraction to ½, then use these comparisons to help you in section 2.

1. $\frac{1}{4}$ ◯ $\frac{1}{2}$

2. $\frac{5}{7}$ ◯ $\frac{1}{2}$

3. $\frac{4}{5}$ ◯ $\frac{1}{2}$

4. $\frac{3}{6}$ ◯ $\frac{1}{2}$

5. $\frac{2}{7}$ ◯ $\frac{1}{2}$

6. $\frac{5}{10}$ ◯ $\frac{1}{2}$

Section 2

7. $\frac{1}{4}$ ◯ $\frac{3}{6}$

8. $\frac{5}{7}$ ◯ $\frac{1}{4}$

9. $\frac{5}{10}$ ◯ $\frac{2}{7}$

10. $\frac{4}{5}$ ◯ $\frac{3}{6}$

11. $\frac{2}{7}$ ◯ $\frac{5}{10}$

12. $\frac{4}{5}$ ◯ $\frac{2}{7}$

Compare each set of fractions. Complete the blanks to justify your comparison.

13. $\frac{3}{6}$ ◯ $\frac{5}{9}$ $\frac{3}{6}$ is _____ than $\frac{5}{9}$, because $\frac{3}{6}$ is _____ ____ $\frac{1}{2}$ and $\frac{5}{9}$ is _____ than $\frac{1}{2}$.

14. $\frac{5}{8}$ ◯ $\frac{3}{7}$ $\frac{5}{8}$ is _____ than $\frac{3}{7}$, because $\frac{5}{8}$ is _____ than $\frac{1}{2}$ and $\frac{3}{7}$ is _____ than $\frac{1}{2}$.

Students competed to see who could run the farthest in 8 minutes. The fraction of a mile each student completed is recorded in the table below.

Student	Fraction of a mile completed
Ethan	$\frac{5}{8}$
Amber	$\frac{3}{7}$
Ella	$\frac{12}{14}$
Austin	$\frac{6}{12}$
Edward	$\frac{6}{14}$
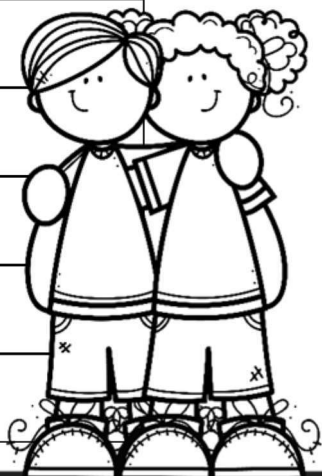
15. Who ran farther, Ethan or Austin?

16. Who ran less, Amber or Ella?

17. Who ran a longer distance Ella or Austin?

18. Who ran less, Edward or Austin?

19. Who ran a longer distance, Amber or Ethan?

20. Who ran farther, Austin or Amber?