Homework (SG p. 85) Questions 1–6

Solution strategies will vary for *Questions 1–6*.

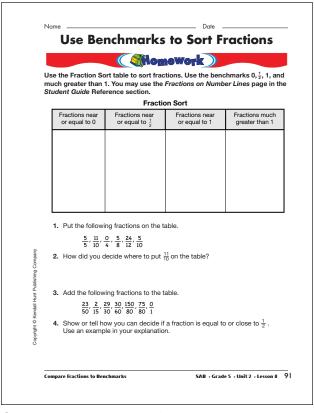
- $1. \quad \frac{2}{12} < \frac{2}{10} < \frac{2}{5} < \frac{2}{3}$
- **2.** $\frac{1}{12} < \frac{3}{6} < \frac{7}{8} < \frac{13}{5}$
- **3.** $\frac{2}{10} < \frac{3}{10} < \frac{5}{10} < \frac{7}{10}$
- **4.** $\frac{0}{3} < \frac{1}{3} < \frac{4}{9} < \frac{11}{12}$
- **5.** $\frac{5}{12} < \frac{5}{9} < \frac{5}{6} < \frac{5}{4}$
- **6.** Possible response: $\frac{1}{12}$ is very close to zero, so it is the smallest fraction. $\frac{13}{5}$ is more than 2, so it is the largest fraction. $\frac{3}{6}$ is equal to $\frac{1}{2}$ and $\frac{7}{8}$ is almost 1, so $\frac{1}{2}$ is smaller than $\frac{7}{8}$: $\frac{11}{12}$, $\frac{3}{6}$, $\frac{7}{8}$, $\frac{13}{5}$.

Student Activity Book

Use Benchmarks to Sort Fractions (SAB p. 91) Homework Questions 1–4

١.				Fractions much greater than 1
	<u>0</u>	5	5 11	24
	4	8, 10	5, 10	12

- **2.** Possible response: Since the numerator and denominator are very close (11 and 10), it means that the fraction is very close to one whole or that it is almost equal to 1.
- Fractions near or equal to 0 | Fractions near or equal to 0 | Fractions near or equal to 1 |
- **4.** Possible response: A fraction is close to $\frac{1}{2}$ when the numerator is about half of the denominator. A fraction is equal to $\frac{1}{2}$ when the numerator is exactly half of the denominator. For example, 23 is about half of 50 so $\frac{23}{50}$ is close to $\frac{1}{2}$. 30 is exactly half of 60 so $\frac{30}{60}$ is equal to $\frac{1}{2}$.



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