



Ordering rational numbers

GRADE 6 MATH

Name _____

Date _____

Do this on your own — the worked example shows what to do. Sketch a number line when it helps; final answers in the boxes. One skill: **ordering rational numbers**.

WORKED EXAMPLE

Farther right = greater. $-2 > -10$, even though $10 > 2$. Convert mixed forms before comparing: $-4/5 = -0.8$, which is less than -0.7 .

1. Which is greater: -6 or -1 ?

FLUENCY

Show your thinking

Answer

2. True or false: $-2 > -10$. Explain.

FLUENCY

Show your thinking

Answer

3. Order from least to greatest: -3 , 5 , -8 .

FLUENCY

Show your thinking

Answer

4. Which is greater: $-2/3$ or $-1/3$? Show how you decided.

APPLICATION

Show your thinking

Answer

5. Are -1.5 and $-3/2$ the same number? Explain.

APPLICATION

Show your thinking

Answer

6. Which is greater: $-4/5$ or -0.7 ? Convert first, then compare.

APPLICATION

Show your thinking

Answer

7. Order from least to greatest: $-\frac{1}{4}$, $-\frac{2}{3}$, 0, $-\frac{1}{2}$.

REASONING

Show your thinking

Answer

8. On Monday the low was -15°C ; on Tuesday it was -3°C . Which day was warmer, and which temperature is the greater number? Explain why both answers point to the same day.

REASONING

Show your thinking

Answer