



Ordering rational numbers

GRADE 6 MATH

Name _____

Date _____

Work through the sheet in order. Sketch a number line whenever it helps; final answers go in the boxes.
One skill: **ordering rational numbers**.

WORKED EXAMPLE

Farther right = greater. Always. To compare mixed forms, convert first: $-2/5 = -0.4$, which is LESS than -0.3 because it sits farther left.

1. Which is greater: -7 or -2 ?

FLUENCY

Show your thinking

Answer

2. True or false: $-1 > -9$. Explain.

FLUENCY

Show your thinking

Answer

3. Order from least to greatest: -4 , 3 , -6 .

FLUENCY

Show your thinking

Answer

4. Which is greater: $-\frac{1}{2}$ or $-\frac{1}{4}$? Show how you decided.

APPLICATION

Show your thinking

Answer

5. Are -2.5 and $-\frac{5}{2}$ the same number? Explain.

APPLICATION

Show your thinking

Answer

6. Which is greater: $-\frac{3}{4}$ or -0.6 ? Convert first, then compare.

APPLICATION

Show your thinking

Answer

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

REASONING

Show your thinking

Answer

8. Ana owes \$50 and Ben owes \$20. Write each balance as a signed number, say whose balance is the greater NUMBER, and say who owes more. Explain why those differ.

REASONING

Show your thinking

Answer

9. Kai says ' -0.3 is less than -0.30001 because 30001 is a longer number.' Is he right? Explain.

REASONING

Show your thinking

Answer