

Grade 6 fractions and decimals test

NAME	DATE	SCORE / 10
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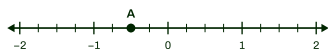
Answer each question. Show your work.

1 $1\frac{1}{4} \div 2\frac{1}{2} = ?$

3 Write 0.4 as a fraction in lowest terms.

5 Write $\frac{4}{5}$, $\frac{1}{4}$, 0.545, 0.018, 0.631 in order from least to greatest.

7 Point A is plotted on the number line below. What is the absolute value of the number at point A?



2 $17.5 \div 0.35 = ?$

4 $\frac{4}{5} \div \frac{4}{9} = ?$ Give the answer in lowest terms.

6 Ivy buys 3 notebooks that cost \$4.50 each. Ivy pays with a \$20 bill. How much change does Ivy get, in dollars?

8 Point A is plotted on the number line below. What number is at point A?



9 Emma pours $\frac{2}{3}$ liter of juice equally into 3 cups. Which calculation finds how much juice, in liters, is in each cup?

☐ $\frac{2}{3} \times 3$
☐ $3 - \frac{2}{3}$
☐ $\frac{2}{3} \div 3$
☐ $3 \div \frac{2}{3}$

10 Which list puts $-\frac{5}{8}$, $-\frac{7}{8}$, $\frac{2}{5}$, -0.29 in order from least to greatest?

- ☐ $-\frac{7}{8}$, $-\frac{5}{8}$, -0.29 , $\frac{2}{5}$
☐ $\frac{2}{5}$, -0.29 , $-\frac{5}{8}$, $-\frac{7}{8}$
☐ -0.29 , $-\frac{5}{8}$, $-\frac{7}{8}$, $\frac{2}{5}$
☐ -0.29 , $\frac{2}{5}$, $-\frac{5}{8}$, $-\frac{7}{8}$

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1

$\frac{1}{2}$

4

$\frac{9}{5}$

7

0.5

10

$-\frac{7}{8}, -\frac{5}{8}, -0.29, \frac{2}{5}$

2

50

5

$0.018, \frac{1}{4}, 0.545, 0.631, \frac{4}{5}$

8

-0.9

3

$\frac{2}{5}$

6

\$6.50

9

$\frac{2}{3} \div 3$