

3.1 PRACTICE TEST

Course name: Grade 8 Math Grade 8 Essential Skills

Professor name: Homeschool Studies

College name: Homeschool Studies

Course code:

Section code:

Directions: This is a 12 question practice test. It does not count towards your overall grade. Take this test as many times as you choose. Review the "Guide" for a customized study plan for the actual test.

Questions? Contact support@thinkwell.com for help.

Question: 1 QID: 89478

Compare. Write $<$, $>$, or $=$.

$$5\frac{3}{4} \square 5\frac{3}{5}$$

$>$

$=$

$<$

Question: 2 QID: 89477

Compare. Write $<$, $>$, or $=$.

$$\frac{11}{21} \square \frac{13}{14}$$

$>$

$<$

$=$

Question: 3 QID: 89435

Evaluate $n - \frac{1}{2}$ for $n = \frac{2}{5}$.

$\frac{3}{7}$

$-\frac{1}{10}$

$\frac{5}{11}$

$\frac{5}{12}$

Question: 4 QID: 89425

Add.

$$-\frac{6}{10} + \frac{6}{8}$$

- $\frac{3}{16}$
- $\frac{3}{20}$
- $-\frac{3}{20}$
- 0

Question: 5QID: 89391

Multiply.

$$\frac{6}{7} \left(-\frac{5}{3} \right)$$

- $\frac{12}{7}$
- $-\frac{18}{35}$
- $\frac{1}{10}$
- $-\frac{10}{7}$

Question: 6QID: 89396

Multiply.

$$0.56(0.38)$$

- 0.3228
- 0.02128
- 0.3228
- 0.2128

Question: 7QID: 89407

Divide.

$$\frac{6}{4} \div \frac{3}{12}$$

- 6
- $\frac{1}{6}$
- $\frac{3}{8}$
- $\frac{73}{12}$

Question: 8QID: 89412

Divide.
 $7.704 \div 3.6$

- 2.78
- 2.14
- 27.72
- 0.47

Question: 9 QID: 88472

Solve.
 $\frac{v}{24.13} = -3.85$

- $v = 92.9005$
- $v = -929.005$
- $v = -92.9005$
- $v = 20.28$

Question: 10 QID: 89444

Solve.
 $6.5 = y - 16.2$

- $y = 9.7$
- $y = 22.7$
- $y = -22.7$
- $y = -9.7$

Question: 11 QID: 96911

Solve.
 $7 - 2x = 17$

- $x = 5$
- $x = \frac{15}{7}$
- $x = -5$
- $x = -\frac{15}{7}$

Question: 12 QID: 89464

Solve.
 $10 = \frac{y-7}{4}$

- $y = 33$
- $y = 47$
- $y = 57$
- $y = 68$

Grade 8 Math Essentials
Sample Practice Test