

6.1 PRACTICE TEST**Course name:** Grade 6 Math Grade 6 Essential Skills**Professor name:** Homeschool Studies**College name:** Homeschool Studies**Course code:****Section code:**

Directions: This is a 15 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: 62585

A writer was paid \$9,000 for a 3,000-word article. Find the rate per word.

- \$0.33 per word
- \$3.00 per word
- \$3.33 per word
- \$30.00 per word
- None of the above

Question: 2 QID: 62618

If the price of a certain stock is \$81.00 per share and its earnings are \$4.50 per share, what is the ratio of the stock's price to its earnings?

- 17 to 1
- 1 to 18
- 18 to 1
- 1 to 28
- None of the above

Question: 3 QID: 87131

A spaceship is traveling at a steady rate. The table shows the distance the spaceship travels in a given period of time. Find the distance the spaceship travels in 4 minutes.

Time (min)	2	4	6	8
Distance (mi)	300	?	900	1,200

- 780 miles
- 450 miles
- 600 miles
- 420 miles

Question: 4 QID: 91005

Use a table to identify three equivalent ratios of $2/5$.

- $2/10, 4/15, 6/20$
- $4/10, 6/15, 8/20$
- $4/5, 6/10, 8/15$
- $4/7, 6/9, 8/11$

Question: 5 QID: 91008

Identify the missing value in the proportion.

$$\frac{m}{66} = \frac{4}{11}$$

- $m = 726$
- $m = 264$
- $m = 24$
- $m = 6$

Question: 6 QID: 87142

The fuel for a chain saw is a mix of oil and gasoline. The label says to mix 8 ounces of oil with 20 gallons of gasoline. How much oil would you use if you had 140 gallons of gasoline?

- 62 ounces
- 350 ounces
- 56 ounces
- 1.14 ounces

Question: 7 QID: 87134

Find the missing value in the proportion.

$$\frac{1}{9} = \frac{n}{63}$$

- $n = 0$
- $n = 8$
- $n = 7$
- $n = 567$

Question: 8 QID: 87198

Earth is made up of several different elements. Suppose a certain element makes up 6% of Earth. Express 6% as a decimal.

- 0.06
- 0.006
- 16.67
- 0.6

Question: 9 QID: 87176

Question: 10 QID: 91224

- Which of the following represents 14.8% as a decimal?
- 0.0148
 - 0.148
 - 1.48
 - 14.8

Question: 11 QID: 87225

- Find 75% of 110.
- 78.8
 - 146.67
 - 8250
 - 82.5

Question: 12 QID: 87226

- Find 55% of 75.
- 41.25
 - 136.36
 - 4125
 - 41.25

Question: 13 QID: 91021

- A pair of shoes is priced at \$45.25. During a sale, a discount of 20% is offered on it. About how much will the pair of shoes cost after the discount?
- about \$20
 - about \$26
 - about \$36
 - about \$45

Question: 14 QID: 87242

- Mei-yu sells dolls at her doll store. If she sells a doll for \$18, and there is 6% sales tax, what is the total cost of the doll? Round your answer to the nearest cent.
- \$19.08
 - \$23.53
 - \$16.92
 - \$1.08

Question: 15 QID: 87233

The Quick Slide Skate Shop sells the Ultra 2002 skateboard for a price of \$50.20. However, the Quick Slide Skate Shop is offering a one-day discount rate of 10% on all merchandise. About how much will the Ultra 2002 skateboard cost after the discount?

- \$45.00
- \$55.00
- \$5.00
- \$63.00

Grade 6 Essential Skills
Sample Practice Test