

**Texas Department of Public Safety  
Trooper Trainee Practice Test**

**SAMPLE MATH PROBLEMS**

1.  $\begin{array}{r} \$45.50 \\ + 3.75 \\ \hline \end{array}$

- a. \$48.25
- b. \$49.25
- c. \$48.15
- d. \$49.15

2.  $\begin{array}{r} \$8.10 \\ \times 4 \\ \hline \end{array}$

- a. \$24.40
- b. \$24.44
- c. \$32.40
- d. \$32.44

3. Fifty pennies is equivalent to how many dimes?

- a. 50
- b. 25
- c. 15
- d. 10
- e. 5

4. \$200 plus 8% sales tax is equivalent to:

- a. \$208
- b. \$210
- c. \$216
- d. \$280
- e. \$1600

5. If the new laptop costs \$800 and it was twice as expensive as the desktop, what was the cost of the desktop?

- a. \$200
- b. \$400
- c. \$1200
- d. \$1600

6. 3600 divided by 4 equals:

- a. 700
- b. 800
- c. 900
- d. 1100

7. 10% of \$640 is:

- a. \$6.40
- b. \$6400.00
- c. \$0.64
- d. \$64.00

8. If TXDPS has 2000 Troopers and is projected to increase to 2200 Troopers by the end of the year, what percentage increase is projected?

- a. 5%
- b. 10%
- c. 15%
- d. 20%

9. If 300 letters were mailed in 30 days, and provided the same number of letters were mailed each day, how many letters were mailed each day?

- a. 10
- b. 15
- c. 30
- d. 60
- e. 90

10.  $\begin{array}{r} 6600.44 \\ 300.20 \\ 5150.00 \\ + 13.00 \\ \hline \end{array}$

- a. 12053.44
- b. 11053.44
- c. 12063.64
- d. 11063.44

11.  $\begin{array}{r} \$6,750,450 \\ - 4,811,325 \\ \hline \end{array}$

- a. 1,939,125
- b. 2,939,125
- c. 1,939,135
- d. 2,939,135
- e. 1,949,125
- f. 2,949,125

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12. 40% of \$400 =

- a. \$10
- b. \$80
- c. \$160
- d. \$440
- e. \$1600

13. If TXDPS tripled the amount of cash seized in three years and the amount of cash seized was \$855,720 in 2016, how much cash was seized in 2019?

- a. \$2,567,160
- b. \$2,567,163
- c. \$2,565,160
- d. \$2,565,163

**SAMPLE READING COMPREHENSION**

The Texas Highway Patrol protects Texas from public safety threats by conducting high visibility patrol; deterring, detecting, and interdicting public safety threats on roadways; responding to critical events and conditions on Texas roadways; providing statewide emergency response and rescue; utilizing advancements in technology to conduct commercial vehicle enforcement operations. In addition, the Highway Patrol provides drug and explosive canine detection, tactical marine patrol, dive and recovery operations, and the forensic mapping of crash and crime scenes.

Texas State Troopers across the state train in crowd management to provide citizens a safe environment to engage and attend public events. Troopers can respond to any location in the state of Texas to assist and provide support during natural disasters to ensure property and citizens are protected.

1. Texas citizens can safely engage and attend \_\_\_\_\_ events.
  - a. impartial
  - b. public
  - c. controlled
  - d. protected
  
2. The Highway Patrol protects \_\_\_\_\_ from public safety threats.
  - a. citizens
  - b. roadways
  - c. Texas
  - d. criminals.
  
3. The Highway Patrol provides the following canine detection:
  - a. explosive
  - b. drug
  - c. cadaver
  - d. both a and b
  - e. all of the above

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4. Troopers respond to \_\_\_\_\_ events and conditions on Texas \_\_\_\_\_ .
- a. critical, highways
  - b. emergency, highways
  - c. critical, roadways
  - d. emergency, roadways
  - e. funny, soil

**ANSWER KEY**

**MATH**

- 1. b
- 2. c
- 3. e (50 divided by 10 = 5)
- 4. c ( $\$200 \times 0.08 = 16$  for a total of \$216)
- 5. b ( $\$800$  divided by 2 = \$400)
- 6. c
- 7. d ( $\$640 \times 0.08 = \$64.00$ )
- 8. b (2000 divided by 2200 = 10%)
- 9. a (300 divided by 30 = 10)
- 10. c
- 11. a
- 12. c
- 13. a ( $855,720 \times 3 = 2,567,160$ )

**READING**

- 1. b
- 2. c
- 3. d
- 4. c

**HELPFUL INFORMATION:**

The Math Skills Test consist of 20 problems and is a four (4) minute timed test.

The Reading Comprehension Test consist of two (2) short paragraphs with five (5) questions per paragraph for a total of ten (10) questions. The Reading Comprehension Test is a four (4) minute timed test.