

**MATH 1500: Chapters 1–4 Test: Part A**

No Calculator, Show All Work

1)  $62 \times 57 =$

2)  $800 - 135 =$

3) An office pays its 5 clerical workers \$220 per week, 2 secretaries \$290 per week, and the office manager \$360 per week. Write a mathematical statement showing the total salaries paid, then calculate this total.

4) A factory producing nuts and bolts produces the following number of bolts:

Monday: 6,742

Tuesday: 9,837

Wednesday: 10,471

Thursday: 8,153

Friday: 12,477

How many bolts did the factory produce that week?

5) Simply using the order of operations.

$$3 + 9 \times 3 =$$

6) Perform the indicated operation. Simplify the solution, if possible.

$$\frac{1}{4} \div 2\frac{2}{3} =$$

7) Perform the indicated operation. Simplify the solution, if possible.

$$5 \times \frac{3}{25} =$$

8) A bureau that is 64 in. high has a  $3\frac{1}{2}$  in. base and a  $2\frac{1}{4}$  in. top. How much room is left for drawers?

9) Perform the indicated operation. Simplify the solution, if possible.

$$1\frac{4}{7} \times 3 \times \frac{7}{4} =$$

10) Simplify using the order of operations.

$$4 + \frac{2 \times 3 + 10}{3}$$

11) A laser printer costs \$1029.95 or it can be bought "on time" for \$129.17 per month for 12 months. How much extra do you pay for the installment plan?

12) Write as a decimal.

$$2\frac{4}{25}$$

13) Perform the indicated operation. Round the solution to the nearest hundredth.

$$2.59 \div 140 =$$

14) Perform the indicated operation. Simplify the solution, if possible.

$$3\frac{3}{8} + 5\frac{5}{6}$$

15) Perform the indicated operation.

$$13.761 + 8.325 =$$

Answer Key

Testname: CHAPTERS 1-4 TEST PART A

1) 3534

2) 665

3)  $(5 \times \$220) + (2 \times \$290) + \$360 = \$2040$

4) 47,680

5) 30

6)  $\frac{3}{32}$

7)  $\frac{3}{5}$

8)  $58\frac{1}{4}$  in.

9) 3

10)  $15\frac{15}{32}$

11) \$520.09

12) 2.16

13) 0.02

14) 3.375

15) 3.375