

**Daily\_Work\_Proportions\_02****Multiple Choice**

*Identify the choice that best completes the statement or answers the question.*

- \_\_\_\_\_ 1. Find 90% of 105.
- |           |         |
|-----------|---------|
| a. 93.4   | c. 9450 |
| b. 116.67 | d. 94.5 |
- \_\_\_\_\_ 2. A jar is filled with buttons of various colors. If the jar has a total of 275 buttons and 20% of the buttons are green, how many green buttons are in the jar?
- |                      |                        |
|----------------------|------------------------|
| a. 55 green buttons  | c. 5,500 green buttons |
| b. 255 green buttons | d. 220 green buttons   |
- \_\_\_\_\_ 3. Ramon is a waiter. He waits on a table of 4 whose bill comes to \$130.19. If Ramon receives a 20% tip, about how much will he receive?
- |            |             |
|------------|-------------|
| a. \$6.50  | c. \$156.19 |
| b. \$26.00 | d. \$25.55  |
- \_\_\_\_\_ 4. Chao-chen wants to buy two necklaces, one for her sister and one for herself. The necklace for her sister costs \$44.25, and the necklace for herself costs \$32.00. The sales tax on the purchases is 6%. Find the total cost of Chao-chen's purchases, including sales tax. If necessary, round your answer to the nearest cent.
- |            |            |
|------------|------------|
| a. \$71.68 | c. \$76.25 |
| b. \$80.83 | d. \$4.58  |
- \_\_\_\_\_ 5. The Quick Slide Skate Shop sells the Ultra 2002 skateboard for a price of \$85.15. However, the Quick Slide Skate Shop is offering a one-day discount rate of 5% on all merchandise. About how much will the Ultra 2002 skateboard cost after the discount?
- |             |            |
|-------------|------------|
| a. \$113.05 | c. \$89.25 |
| b. \$4.25   | d. \$80.75 |

- \_\_\_\_\_ 6. An airline is trying to promote its new Boston to Atlanta flight. The usual price of this flight is \$375. However, the airline is offering a 20% discount until the end of the month. How much will the flight cost after the discount?

a. \$75                                              c. \$300  
b. \$900                                            d. \$450

\_\_\_\_\_ 7. Mei-yu sells dolls at her doll store. If she sells a doll for \$20, and there is 4% sales tax, what is the total cost of the doll? Round your answer to the nearest cent.

a. \$20.80                                         c. \$19.20  
b. \$25.25                                         d. \$0.80

\_\_\_\_\_ 8. Convert 19 miles to yards.

a. 33,440 miles                                  c. 684 yards  
b. 33,440 yards                                 d. 1,760 miles

\_\_\_\_\_ 9. Convert 17 gallons to quarts.

a. 82 quarts                                      c. 4 quarts  
b. 68 quarts                                      d. 34 quarts

\_\_\_\_\_ 10. Convert 127 centimeters to meters.

a. 1.27 meters                                   c. 0.127 meters  
b. 1270 meters                                 d. 12700 meters

\_\_\_\_\_ 11. Convert 171 feet to yards.

a. 2052 yd                                        c. 57 yd  
b. 6156 yd                                        d. 513 yd

\_\_\_\_\_ 12. Convert 4 feet to inches.

a. 7,040 inches                                 c. 12 feet  
b. 48 feet                                         d. 48 inches

Name: \_\_\_\_\_

ID: A

\_\_\_\_\_ 13. Convert 5 minutes to seconds.

- a. 0.08 seconds
- b. 3,000 seconds

- c. 300 seconds
- d. 30 seconds

\_\_\_\_\_ 14. Convert 448 oz to pounds.

- a. 28 pounds
- b. 10 pounds

- c. 7 pounds
- d. 14 pounds



## Daily\_Work\_Proportions\_02

### Answer Section

#### MULTIPLE CHOICE

1. ANS: D PTS: 1 REF: 96c504ed-9631-11dd-8a40-001185f11039  
 OBJ: Using Decimal Equivalents to Find Percents of Numbers NAT: NT.CCSS.MTH.10.6.6.RP.3.c  
 LOC: MTH.C.09.05.005 TOP: Percent of a Number  
 KEY: percent | multiplication DOK: DOK 1
2. ANS: A PTS: 1 REF: 96c7674b-9631-11dd-8a40-001185f11039  
 OBJ: Application NAT: NT.CCSS.MTH.10.6.6.RP.3.c LOC: MTH.C.09.05.005  
 TOP: Percent of a Number KEY: percent DOK: DOK 2
3. ANS: B PTS: 1 REF: 913a6473-9631-11dd-8a40-001185f11039  
 OBJ: Finding Tips NAT: NT.CCSS.MTH.10.6.6.RP.3.c | NT.CCSS.MTH.10.7.7.EE.3  
 LOC: MTH.C.09.05.04.003 TOP: Applying Percents  
 KEY: tip | percent DOK: DOK 2
4. ANS: B PTS: 1 REF: 96c78e5b-9631-11dd-8a40-001185f11039  
 NAT: NT.CCSS.MTH.10.6.6.RP.3.c | NT.CCSS.MTH.10.7.7.EE.3  
 LOC: MTH.C.09.05.04.001 | MTH.C.09.05.04.004 TOP: Percent of a Number  
 DOK: DOK 2
5. ANS: D PTS: 1 REF: 91359fb7-9631-11dd-8a40-001185f11039  
 OBJ: Finding Discounts  
 NAT: NT.CCSS.MTH.10.6.6.RP.3.c | NT.CCSS.MTH.10.7.7.EE.3  
 LOC: MTH.C.09.05.04.001 TOP: Applying Percents  
 KEY: discount DOK: DOK 2
6. ANS: C PTS: 1 REF: 91380215-9631-11dd-8a40-001185f11039  
 OBJ: Finding Discounts  
 NAT: NT.CCSS.MTH.10.6.6.RP.3.c | NT.CCSS.MTH.10.7.7.EE.3  
 LOC: MTH.C.09.05.04.001 TOP: Applying Percents  
 KEY: discount DOK: DOK 2
7. ANS: A PTS: 1 REF: 913cc6d1-9631-11dd-8a40-001185f11039  
 OBJ: Finding Sales Tax  
 NAT: NT.CCSS.MTH.10.6.6.RP.3.c | NT.CCSS.MTH.10.7.7.EE.3  
 STA: WY.WYCS.MTH.08.6.MA6.1.6.6 LOC: MTH.C.04.06.004 | MTH.C.09.05.04.004  
 TOP: Applying Percents KEY: sales tax DOK: DOK 2
8. ANS: B PTS: 1 REF: fa241e00-6ff9-11df-9c81-001185f0d2ea  
 NAT: NT.CCSS.MTH.10.6.6.RP.3.d LOC: 12.2.2.b KEY: convert | customary | units  
 DOK: DOK 1
9. ANS: B PTS: 1 REF: fa26805f-6ff9-11df-9c81-001185f0d2ea  
 NAT: NT.CCSS.MTH.10.6.6.RP.3.d LOC: 12.2.2.b KEY: convert | customary | units  
 DOK: DOK 1
10. ANS: A PTS: 1 REF: fa26a76f-6ff9-11df-9c81-001185f0d2ea  
 NAT: NT.CCSS.MTH.10.6.6.RP.3.d LOC: 12.2.2.b KEY: convert | metric | units  
 DOK: DOK 1

11. ANS: C PTS: 1 REF: 926bba83-9631-11dd-8a40-001185f11039  
OBJ: Using a Conversion Factor NAT: NT.CCSS.MTH.10.6.6.RP.3.d  
STA: WY.WYCS.MTH.08.6.MA6.3.4 LOC: MTH.C.12.03.001  
TOP: Converting Customary Units DOK: DOK 2
12. ANS: D PTS: 1 REF: 926df5d1-9631-11dd-8a40-001185f11039  
OBJ: Using a Conversion Factor NAT: NT.CCSS.MTH.10.6.6.RP.3.d  
STA: WY.WYCS.MTH.08.6.MA6.3.4 LOC: MTH.C.12.03.001  
TOP: Converting Customary Units DOK: DOK 2
13. ANS: C PTS: 1 REF: 927ecd73-9631-11dd-8a40-001185f11039  
OBJ: Converting Time NAT: NT.CCSS.MTH.10.6.6.RP.3.d  
LOC: MTH.C.12.10.01.01.002 TOP: Time and Temperature  
DOK: DOK 2
14. ANS: A PTS: 1 REF: 95cd0ebd-9631-11dd-8a40-001185f11039  
OBJ: Converting Customary Units NAT: NT.CCSS.MTH.10.6.6.RP.3.d  
STA: WY.WYCS.MTH.08.7.MA7.3.1 LOC: MTH.C.12.03.001  
TOP: Customary Measurements DOK: DOK 2

