

Class_Time_Examples_Proportions_02**Multiple Choice**

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

- _____ 1. Find 70% of 90.
a. 63
b. 128.57
c. 6300
d. 59.4
- _____ 2. A jar is filled with buttons of various colors. If the jar has a total of 420 buttons and 85% of the buttons are green, how many green buttons are in the jar?
a. 335 green buttons
b. 35,700 green buttons
c. 63 green buttons
d. 357 green buttons
- _____ 3. Alberto is a waiter. He waits on a table of 4 whose bill comes to \$110.05. If Alberto receives a 15% tip, about how much will he receive?
a. \$16.50
b. \$126.55
c. \$16.05
d. \$5.50
- _____ 4. Iris wants to buy two necklaces, one for her sister and one for herself. The necklace for her sister costs \$42.00, and the necklace for herself costs \$28.00. The sales tax on the purchases is 8%. Find the total cost of Iris's purchases, including sales tax. If necessary, round your answer to the nearest cent.
a. \$64.40
b. \$5.60
c. \$75.60
d. \$70.00
- _____ 5. The Quick Slide Skate Shop sells the Ultra 2002 skateboard for a price of \$54.85. However, the Quick Slide Skate Shop is offering a one-day discount rate of 30% on all merchandise. About how much will the Ultra 2002 skateboard cost after the discount?
a. \$16.50
b. \$71.50
c. \$38.50
d. \$53.90

- _____ 6. An airline is trying to promote its new Boston to Atlanta flight. The usual price of this flight is \$315. However, the airline is offering a 40% discount until the end of the month. How much will the flight cost after the discount?

a. \$126
b. \$441
c. \$189
d. \$567

_____ 7. Hisako sells dolls at her doll store. If she sells a doll for \$35, and there is 6% sales tax, what is the total cost of the doll? Round your answer to the nearest cent.

a. \$37.10
b. \$41.55
c. \$32.90
d. \$2.10

_____ 8. Convert 6 yards to feet.

a. 18 yards
b. 18 feet
c. 216 feet
d. 3 yards

_____ 9. Convert 17 gallons to cups.

a. 16 cups
b. 136 cups
c. 286 cups
d. 272 cups

_____ 10. Convert 0.78 meters to millimeters.

a. 0.000078 millimeters
b. 780 millimeters
c. 78 millimeters
d. 0.00078 millimeters

_____ 11. Convert 108 feet to yards.

a. 1296 yd
b. 3888 yd
c. 324 yd
d. 36 yd

_____ 12. Convert 19 miles to yards.

a. 57 yards
b. 33,440 miles
c. 1,760 miles
d. 33,440 yards

Name: _____

ID: A

_____ 13. Convert 4 hours to minutes.

- a. 0.07 minutes
- b. 2,400 minutes
- c. 24 minutes
- d. 240 minutes

_____ 14. Convert 704 oz to pounds.

- a. 16 pounds
- b. 11 pounds
- c. 44 pounds
- d. 22 pounds



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Answer Section

MULTIPLE CHOICE

1. ANS: A 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: D 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: A 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: C 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: C 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: D 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: B 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: D 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: D 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: C 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

