

SAMPLE Exam Questions

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Find the missing angle in the triangle.

1) Two angles are 30° and 10° .

- A) 320° B) 140° C) 40° D) 50°

1) _____

Simplify.

2) $9^2 - 5 \times 9$

- A) 144 B) 36 C) 324 D) 684

2) _____

Add or subtract. Simplify the answer.

3) $\frac{1}{4} + \frac{1}{8}$

- A) $\frac{3}{8}$ B) $\frac{1}{4}$ C) $\frac{13}{32}$ D) $\frac{1}{6}$

3) _____

Arrange in order from smallest to largest.

4) 0.07, 0.03, 0.037, 0.073

- A) 0.03, 0.037, 0.07, 0.073 B) 0.073, 0.037, 0.07, 0.03
C) 0.037, 0.073, 0.03, 0.07 D) 0.03, 0.07, 0.037, 0.073

4) _____

Solve using a proportion. Round your answer to the nearest hundredth when necessary.

5) It takes Mary Alice 22 minutes to type and spell check 14 pages of a manuscript. Find how long it takes her to type and spell check 91 pages. Round answer to the nearest whole number if necessary.

- A) 58 minutes B) 143 minutes C) 2002 minutes D) 22 minutes

5) _____

Solve. Round to the nearest whole if necessary.

6) One day 16 office workers were sick with the flu. If this were 16% of the total number of office workers, how many office workers were there altogether?

- A) 256 office workers B) 2560 office workers
C) 100 office workers D) 1000 office workers

6) _____

Convert. When necessary, round the answer to two decimal places.

7) 48 feet to yards

- A) 5.33 B) 144 C) 1728 D) 16

7) _____

Write in scientific notation.

8) 48,127

- A) 4.8127×10^5 B) 4.8127×10^1 C) 4.8127×10^4 D) 4.8127×10^{-4}

8) _____

Solve.

9) $3(3x + 2) + 2 = 7x + 4$

- A) -8 B) -4 C) -2 D) 2

9) _____

Find the volume. Use $\pi \approx 3.14$. Round to the nearest tenth when necessary.

10) a rectangular solid with width = 7 m, length = 8 m, height = 9 m

- A) 504 m^3 B) 448 m^3 C) 441 m^3 D) 648 m^3

10) _____

Answer Key

Testname: SAMPLE QUESTIONS FOR MS120 - OPT OUT PREP

- 1) B
- 2) B
- 3) A
- 4) A
- 5) B
- 6) C
- 7) D
- 8) C
- 9) C
- 10) A