

Student: _____
Date: _____

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Program: CMAP4 Parts A_B_C_D

Assignment: Review For Math
 Assessment & Placement: Part A

1. Multiply.

$$\begin{array}{r} 510 \\ \times 624 \\ \hline \end{array}$$

- A. 318,230
 B. 318,240
 C. 318,250
 D. 318,340

ID: MC 1.4-19

2. $6 \times 3\frac{2}{3} =$

- A. $\frac{11}{18}$ B. 22 C. $18\frac{2}{3}$ D. $1\frac{7}{11}$

ID: MC 2.8-AR2

3. Subtract.

$$\begin{array}{r} 6946 \\ - 525 \\ \hline \end{array}$$

$$\begin{array}{r} 6946 \\ - 525 \\ \hline \hline \end{array}$$

ID: 1.3.11

4. An upholsterer wants to reupholster 270 chairs for a banquet hall. If each chair needs $\frac{1}{9}$ pound of brass tacks, how many pounds of brass tacks are needed?

- A. 2,430 pounds
 B. 243 pounds
 C. 30 pounds
 D. 3 pounds

ID: MC 2.7-20

5. Divide. Write the answer in lowest terms and as a whole or mixed number where possible.

$$15 \div \frac{3}{2}$$

- A. $22\frac{1}{2}$
- B. 10
- C. $\frac{1}{10}$
- D. 5

ID: MC 2.7-10

6. Simplify the expression by using the order of operations.

$$42 \div 7 \cdot (13 - 5)$$

- A. 73
- B. 48
- C. 83
- D. 108

ID: MC 1.8-12

7. Subtract the fractions. Write the answer in lowest terms.

$$\frac{5}{7} - \frac{1}{2}$$

- A. $\frac{3}{14}$
- B. $\frac{4}{7}$
- C. $\frac{4}{9}$
- D. $\frac{1}{7}$

ID: MC 3.3-4

8. A survey of 1,278 people found that 248 people were planning to travel on Labor Day weekend. How many people were planning to stay home?
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- A. 1,426 people
 B. 930 people
 C. 1,526 people
 D. 1,030 people

ID: MC 1.3-21

9. Add. Write the answer in lowest terms and as a mixed number if possible.

$$\frac{18}{86} + \frac{19}{86}$$

- A. $\frac{38}{87}$
 B. $\frac{36}{85}$
 C. $\frac{36}{86}$
 D. $\frac{37}{86}$

ID: MC 3.1-3

10. Multiply.

$$\begin{array}{r} 873 \\ \times 278 \\ \hline \end{array}$$

- A. 242,704
 B. 242,794
 C. 242,694
 D. 242,684

ID: MC 1.4-19

11. Use your estimation skills to pick the most reasonable answer. Do not solve the problem.

$$131.22 - 80.467$$

- A. 507.53
 B. 5.075
 C. 50.753

ID: MC 4.3-31

12. Multiply. Write the answer in lowest terms.

$$\frac{6}{7} \cdot \frac{1}{6}$$

- A. $\frac{1}{7}$
- B. $\frac{6}{42}$
- C. $\frac{7}{13}$
- D. $\frac{6}{13}$

ID: MC 2.5-1

13. Add.

$$3002 + 2412 + 3222$$

- A. 8636
- B. 8076
- C. 8458
- D. 6256

ID: MC 1.2-5

14. The perimeter of a rectangle is 98 inches. If the width of the rectangle is 14 inches, then what is the length of the rectangle?

- A. 42 inches
- B. 7 inches
- C. 35 inches
- D. 84 inches

ID: MC 7.2-AR14

15. $.4999 \times 10.00016$ is approximately equal to

- A. 0.5
- B. 50
- C. 0.05
- D. 5

ID: MC 4.4-AR5

16. Bathing suits are often on sale in July. The regular price of one suit is \$26. With a 40% discount, what is the sale price of the suit?
-

- A. \$14.60
 B. \$16.60
 C. \$10.40
 D. \$15.60

ID: MC 6.6-18

17. Write the decimal as a fraction or mixed number in lowest terms.

0.0004

- A. $\frac{1}{500}$
 B. $\frac{1}{25}$
 C. $\frac{1}{2500}$
 D. $\frac{1}{1250}$

ID: MC 4.6-11

18. A car traveled at 45 miles per hour for a total of 360 miles. How many hours did the car travel?
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- A. 8
 B. 9
 C. 36
 D. 16,200

ID: MC 1.10-AR12

19. Write the percent as a fraction or mixed number in lowest terms.

900%

- A. 900
 B. 9,000
 C. 90
 D. 9

ID: MC 6.2-3

20. Simplify the expression by using the order of operations.

$$2 \cdot 5 + 8 \cdot 7 + 8$$

- A. 74
 B. 568
 C. 592
 D. 390

ID: MC 1.8-7

21. Find the difference.

$$9.291 - 3.718$$

- A. 13.009
 B. 5.673
 C. 12.009
 D. 5.573

ID: MC 4.3-4

22. Find the difference.

$$15.45 - 2.479$$

- A. 12.971
 B. 13.071
 C. 17.929
 D. 12.871

ID: MC 4.3-5

23. Write the percent as a fraction or mixed number in lowest terms.

$$0.9\%$$

- A. $\frac{9}{100}$
 B. $\frac{9}{1000}$
 C. $\frac{9}{500}$
 D. $\frac{9}{2000}$

ID: MC 6.2-1

24. Add. Write the answer in lowest terms and as a mixed number if possible.

$$\frac{1}{8} + \frac{1}{8}$$

- A. $\frac{1}{16}$
- B. $\frac{1}{8}$
- C. $\frac{1}{64}$
- D. $\frac{1}{4}$

ID: MC 3.1-4

25. Divide. If the division is not possible, write "undefined."

$$6 \overline{)123}$$

- A. 20 R3
- B. 20
- C. undefined
- D. 20 R5

ID: MC 1.5-16

26. Add.

$$\begin{array}{r} 1,121 \\ 433 \\ + 3,030 \\ \hline \end{array}$$

- A. 4,397
- B. 4,498
- C. 4,584
- D. 4,377

ID: MC 1.2-2

27. Multiply.

$$\begin{array}{r} 3,451 \\ \times 397 \\ \hline \end{array}$$

- A. 1,369,047
 B. 1,370,047
 C. 1,380,047
 D. 1,370,147

ID: MC 1.4-20

28. Divide. Write the answer in lowest terms and as a whole or mixed number where possible.

$$20 \div \frac{5}{2}$$

- A. $\frac{1}{8}$
 B. 8
 C. 4
 D. 50

ID: MC 2.7-11

29. Multiply. Write the answer in lowest terms.

$$\frac{7}{8} \cdot \frac{1}{7}$$

- A. $\frac{1}{8}$
 B. $\frac{7}{15}$
 C. $\frac{7}{56}$
 D. $\frac{8}{15}$

ID: MC 2.5-1

30. Add and simplify.

$$\frac{1}{10} + \frac{3}{10}$$

ID: 3.1.1

$$\frac{1}{10} + \frac{3}{10} = \underline{\hspace{2cm}}$$

(Simplify your answer. Type a fraction.)

1. B. 318,240

2. B. 22

3. 6421

4. C. 30 pounds

5. B. 10

6. B. 48

7. A. $\frac{3}{14}$

8. D. 1,030 people

9. D. $\frac{37}{86}$

10. C. 242,694

11. C. 50.753

12. A. $\frac{1}{7}$

13. A. 8636

14. C. 35 inches

15. D. 5

16. D. \$15.60

17. C. $\frac{1}{2500}$

18. A. 8

19. D. 9

20. A. 74

21. D. 5.573

22. A. 12.971

23. B. $\frac{9}{1000}$

24. D. $\frac{1}{4}$

25. A. 20 R3

26. C. 4,584

27. B. 1,370,047

28. B. 8

29. A. $\frac{1}{8}$

30. $\frac{2}{5}$
