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-Presents-

TEAS

MATH REVIEW

WITH OVER 250 QUESTIONS IN TOTAL
AND 2 PRACTICE EXAMS

SPECIAL EDITION
Each Question Linked to a Solution Video

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Rounding

1. Round 233.039 to the nearest hundredth.

T-Rounding 1

(A) 200
(B) 233
(C) 233.03
(D) 233.04

2. Round 0.11283 to the nearest tenth.

T-Rounding 2

(A) 0.1
(B) 0.11
(C) 0.113
(D) 0.1128

3. Round 3.41259 to the nearest ten-thousandth.

T-Rounding 3

(A) 3.4125
(B) 3.4126
(C) 3.413
(D) 3.41

4. Anita's retirement account balance is \$35,890. What is the balance rounded to the nearest hundred dollars?

T-Rounding 4

(A) \$35,800
(B) \$35,900
(C) \$36,900
(D) \$36,000

5. Which digit is in the thousandths place in the number 1325.6479?

T-Rounding 5

(A) 1
(B) 3
(C) 7
(D) 9

6. Multiply 63×32 and round to the nearest ten.

T-Rounding 6

(A) 2016
(B) 2020
(C) 2000
(D) 2200

7. Multiply 71×421 and round to the nearest hundred.

T-Rounding 7

(A) 29000
(B) 29800
(C) 29900
(D) 29990

8. Which digit is in the hundredth's place in the number 21.345?

T-Rounding 8

(A) 2
(B) 3
(C) 4
(D) 5

9. Divide $94 \div 610$ and round to the nearest tenth.

T-Rounding 9

(A) 0.1
(B) 0.2
(C) 0.15
(D) 0.16

10. The jackpot prize for the Mega Millions lottery is currently $65,412,821. What is the jackpot rounded to the nearest thousand dollars?

T-Rounding 10

(A) $70,000,000
(B) $65,400,000
(C) $65,412,000
(D) $65,413,000

11. The crowd at a major league baseball game was announced to be 46,158. What was the attendance rounded to the nearest hundred?

T-Rounding 11

(A) 46,160
(B) 46,260
(C) 46,200
(D) 46,000

12. A doctor prescribed 4.6 milligrams of a medication for a patient. The pharmacist contacts the doctor telling her that he would have to round the dosage to the nearest 1 milligram. What is the difference between what the doctor prescribed and what the pharmacist gave the patient?

T-Rounding 12

(A) 4 milligrams
(B) 3.6 milligrams
(C) 0.6 milligrams
(D) 0.4 milligrams

Working with Fractions, Decimals and Percent

1. Simplify $\frac{3}{8} + 2\frac{7}{8}$

T-FDP 1

(A) $2\frac{1}{8}$
(B) $3\frac{1}{4}$
(C) $2\frac{5}{16}$
(D) $1\frac{1}{4}$

2. Simplify the following expression:

$$5\frac{1}{8} - 2\frac{3}{8}$$

T-FDP 2

(A) $-\frac{1}{8}$
(B) $7\frac{3}{4}$
(C) $4\frac{3}{8}$
(D) $2\frac{3}{4}$

3. Perform the indicated addition.

$$\frac{7}{8} + \frac{1}{4}$$

T-FDP 3

(A) $1\frac{1}{8}$
(B) $\frac{2}{3}$
(C) $\frac{8}{12}$
(D) $\frac{8}{9}$

4. Perform the indicated addition.

T-FDP 4

$$2\frac{3}{5}+3\frac{2}{3}$$

(A) $5\frac{1}{8}$

(B) $5\frac{5}{8}$

(C) $6\frac{4}{15}$

(D) $8\frac{3}{15}$

5. Simplify the following expression:

T-FDP 5

$$\frac{3}{4}\times\frac{2}{3}\div\frac{1}{6}$$

(A) 3

(B) $\frac{1}{12}$

(C) $4\frac{3}{4}$

(D) $\frac{5}{13}$

6. List the following fractions in order from *least* to *greatest*:

T-FDP 6

$$\frac{8}{20},\frac{15}{40},\frac{4}{8},\frac{2}{10}$$

(A) $\frac{4}{8},\frac{15}{40},\frac{8}{20},\frac{2}{10}$

(B) $\frac{15}{40},\frac{8}{20},\frac{2}{10},\frac{4}{8}$

(C) $\frac{2}{10},\frac{15}{40},\frac{8}{20},\frac{4}{8}$

(D) $\frac{2}{10},\frac{4}{8},\frac{8}{20},\frac{15}{40}$

7. Which of the following fractions is *greatest*?

T-FDP 7

(A) $\frac{4}{9}$
(B) $\frac{2}{11}$
(C) $\frac{1}{3}$
(D) $\frac{5}{30}$

8. Add the following numbers: 0.012, 0.316, 0.5

T-FDP 8

(A) 0.817
(B) 0.333
(C) 0.828
(D) 0.936

9. Express $\frac{1}{8}$ as a decimal.

T-FDP 9

(A) 0.125
(B) 0.180
(C) 0.108
(D) 0.118

10. Convert 93% to a decimal.

T-FDP 10

(A) 9.30
(B) 0.93
(C) 0.093
(D) 0.0093

11. Express $4\frac{1}{6}$ as a decimal rounded to the nearest ten-thousandth.

T-FDP 11

(A) 4.1666
(B) 4.1667
(C) 4.166
(D) 4.167

12. Convert 0.72% to a decimal.

T-FDP 12

(A) 0.72
(B) 0.072
(C) 0.0072
(D) 0.00072

13. 54% is equivalent to which fraction in simplest form?

T-FDP 13

(A) $\frac{27}{50}$
(B) $\frac{54}{100}$
(C) $\frac{0.54}{100}$
(D) $\frac{1}{54}$

14. Convert 88% to a fraction in simplest form.

T-FDP 14

(A) $\frac{88}{100}$
(B) $\frac{44}{50}$
(C) $\frac{0.88}{100}$
(D) $\frac{22}{25}$

15. Rewrite $\frac{3}{5}$ as a percent.

T-FDP 15

(A) 30%
(B) 50%
(C) 53%
(D) 60%

16. Frank ate $\frac{1}{4}$ of pizza and Eddie ate $\frac{3}{8}$ of the pizza. What percentage of the pizza was eaten?

T-FDP 16

(A) 50%
(B) 62.5%
(C) 75%
(D) 80%

17. Which decimal represents seventy-three thousandths?

T-FDP 17

(A) 0.73
(B) 0.730
(C) 0.073
(D) 0.0073

18. Rewrite ninety-six hundredths as a percent.

T-FDP 18

(A) 96%
(B) 9.6%
(C) 0.96%
(D) 0.096%

19. Which of the following is *smallest*?

T-FDP 19

(A) 30%
(B) $\frac{1}{3}$
(C) 0.03
(D) three tenths