

Week 19 Questions

MONDAY *Fractions*

Write True or False.

1. $\frac{1}{2} = \frac{2}{4}$
2. $\frac{1}{2} = \frac{3}{6}$
3. $\frac{1}{2} = \frac{4}{10}$
4. $\frac{1}{2} = \frac{50}{100}$
5. $\frac{1}{2} = \frac{5}{8}$
6. $\frac{1}{2} = \frac{1}{4} + \frac{1}{4}$
7. $\frac{1}{2} = \frac{2}{10} + \frac{3}{10}$
8. $\frac{1}{2} = \frac{3}{8} + \frac{1}{8}$
9. $\frac{1}{2} = \frac{2}{10} + \frac{4}{10}$
10. $\frac{1}{2} = \frac{500}{1,000}$

TUESDAY *2's Day*

1. $2 \times 20 = ?$
2. $2 \times 222 = ?$
3. $2 \times 202 = ?$
4. $2 \times 2,002 = ?$
5. $2 \times 22,222 = ?$
6. $2 + 20 + 200 + 2,000 = ?$
7. $2,000,000 + 2,000 + 2 = ?$
8. $2,222 - 200 = ?$
9. $22 + 22 + 22 = ?$
10. $222 + 222 + 222 = ?$

WEDNESDAY *Square Math*

Tell the students to multiply the squares and then add, subtract, or divide them.

1. $(10 \times 10) + (7 \times 7) = ?$
2. $(9 \times 9) - (1 \times 1) = ?$
3. $(8 \times 8) - (2 \times 2) = ?$
4. $(7 \times 7) + (1 \times 1) = ?$
5. $(6 \times 6) + (8 \times 8) = ?$
6. $(10 \times 10) \div (5 \times 5) = ?$
7. $(10 \times 10) \div (2 \times 2) = ?$
8. $(3 \times 3) + (4 \times 4) = ?$
9. $(9 \times 9) + (3 \times 3) = ?$
10. $(5 \times 5) + (5 \times 5) = ?$

THURSDAY *Buying Food*

Tell the students they can round off 99 cents to a dollar and then subtract a penny for each dollar after calculating the final cost.

1. 3 hot dogs at 80¢ each cost ___?
2. 5 fries at 50¢ each cost ___?
3. 2 milkshakes at 99¢ each cost ___?
4. 2 boxes of Cheerios at \$3.99 each cost ___?
5. 4 quarts of milk at 99¢ each cost ___?
6. 5 packs of gum at 60¢ each cost ___?
7. 2 loaves of bread at \$3.05 each cost ___?
8. 3 videos at \$3.50 each cost ___?
9. 5 pounds of bananas at 99¢ a pound cost ___?
10. 7 potatoes at 40¢ each cost ___?

FRIDAY *Large Amounts of Time*

Remind students what decades, centuries, and millenniums are in years.

1. 1 century plus 5 decades is ? years.
2. 3 centuries and 7 decades is ? years.
3. 9 centuries and 9 decades is ? years.
4. A millennium is 1,000 years. How many years are in $1\frac{1}{2}$ millenniums?
5. A millennium plus 9 centuries is how many years?
6. A millennium plus 9 centuries plus 9 decades is how many years?
7. A millennium, 9 centuries, 9 decades, and 9 years is how many years?
8. The pyramids of Egypt were built 5 millenniums ago. How many years was that?
9. Ancient Greece was 2 and one-half millenniums ago. How many years was that?
10. Ancient humans existed 2,000 millenniums ago. How many years was that?

Mental Math Tip of the Week

Patterns In Math

$5 \times 4 = 20$:	$30 \div 6 = 5$
$5 \times 40 = 200$:	$300 \div 6 = 50$
$5 \times 400 = 2,000$:	$3,000 \div 6 = 500$
$5 \times 4,000 = 20,000$:	$30,000 \div 6 = 5,000$
$5 \times 40,000 = 200,000$:	$300,000 \div 6 = 50,000$
$5 \times 400,000 = 2,000,000$:	$3,000,000 \div 6 = 500,000$

Monday

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Total correct _____

Tuesday

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Total correct _____

Wednesday

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Total correct _____

Thursday

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Total correct _____

Friday

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Total correct _____

Results—Correct Answers

Mon. _____

Tues. _____

Wed. _____

Thur. _____

Fri. _____

Total

Answer Key: Weeks 17 - 20

WEEK 19

MONDAY

1. T
2. T
3. F
4. T
5. F
6. T
7. T
8. T
9. F
10. T

TUESDAY

1. 40
2. 444
3. 404
4. 4,004
5. 44,444
6. 2,222
7. 2,002,002
8. 2,022
9. 66
10. 666

WEDNESDAY

1. 149
2. 80
3. 60
4. 50
5. 100
6. 4
7. 25
8. 25
9. 90
10. 50

THURSDAY

1. \$2.40
2. \$2.50
3. \$1.98
4. \$7.98
5. \$3.96
6. \$3.00
7. \$6.10
8. \$7.00
9. \$4.95
10. \$2.80

FRIDAY

1. 150
2. 370
3. 990
4. 1,500
5. 1,900
6. 1,990
7. 1,999
8. 5,000
9. 2,500
10. 2,000,000