S.THOMAS COLLEGE GURUTHALAWA

PACK ONE

Study pack

Grade 6

Mathematics

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Special Note for parents:

As your child have had an unexpected holiday his academic works, studies are get stuck.so we introduce a study pack which your child can study from home. As we hadn't enough time for the preparation please make sure to guide your child with this small and effective revision work.

Note for my students:

Dear Students! What a wonderful holiday that you got unexpectedly without term tests and studies. You can't escape from the school works while you play at home. While you couldn't go for outing, I have prepared some revision questions from the lessons that we've done. Please do them and bring back to school on the reopen day. If you have any doubt Please contact me on my number.

Stay safe!

PLACE VALUE

ONE MILLIONS	HUNDRED THOUSANDS	TEN THOUSANDS	ONE THOUSANDS	HUNDREDS	TENS	ONES
8	6	0	2	1	3	4

Ways to show a number

STANDARD FORM	WORD FORM
602,134	Six hundred two thousand, one hundred thirty-four

BASE TEN FORM	EXPANDED FORM
134 100	600,000+2,000 +100+30+4

Writing numbers in expanded form

Grade 6 Place Value Worksheet

Write each number in expanded form.

1. 7,010,181 _____

2. 208,058,488 _____
_____

3. 232,913,805 _____
_____

4. 2,711,783 _____
_____

5. 7,389 _____

6. 6,541,775 _____
_____

7. 7,845,822 _____
_____

8. 429,772,692 _____
_____
_____

9. 79,905 _____

10. 80,621 _____

Build numbers from parts (up to 9 digits)

Grade 6 Place Value Worksheet

Example: 724 = 7 x 100 + 2 x 10 + 4 x 1

Write the following numbers in normal form.

1. _____ $2 \times 1000000 + 5 \times 100000 + 3 \times 10000 + 9 \times 1000 + 7 \times 100$

2. _____ $6 \times 100000 + 9 \times 10000 + 4 \times 1000 + 3 \times 10 + 3 \times 1$

3. _____ $6 \times 10000 + 2 \times 100 + 6 \times 10 + 9 \times 1$

4. _____ $6 \times 100 + 6 \times 10 + 7 \times 1$

5. _____ $5 \times 1000 + 4 \times 100 + 2 \times 1$

6. _____ $4 \times 100000 + 5 \times 10000 + 3 \times 1000 + 3 \times 100 + 2 \times 10 + 3 \times 1$

7. _____ $5 \times 10000 + 9 \times 100 + 8 \times 10 + 4 \times 1$

8. _____ $3 \times 100000000 + 7 \times 10000000 + 2 \times 10000 + 5 \times 100 + 3 \times 10 + 6 \times 1$

9. _____ $9 \times 100 + 4 \times 10 + 8 \times 1$

10. _____ $1 \times 100000000 + 1 \times 10000000 + 2 \times 1000000 + 3 \times 100000 + 1 \times 10000 + 4 \times 1000 + 5 \times 10 + 8 \times 1$

Adding with missing numbers

Grade 6 Addition Worksheet

Find the missing numbers:

1. _____ + 91 + 5623 + 911 = 6630

2. 38 + 58 + 8798 + _____ = 9543

3. _____ + 1297 + 26 + 17 = 2011

4. 10566 = 849 + _____ + 62 + 97

5. _____ + 84 + 6997 + 225 = 7356

6. _____ + 956 + 6348 + 79 = 7399

7. _____ + 858 + 1048 + 85 = 2063

8. 7908 = 18 + 76 + _____ + 376

Adding with missing numbers

Find the missing numbers:

1. $29 + 351 + \underline{\hspace{3cm}} + 23 = 4202$

2. $8451 = \underline{\hspace{3cm}} + 71 + 7414 + 901$

3. $309 + \underline{\hspace{3cm}} + 13 + 78 = 7973$

4. $5713 = \underline{\hspace{3cm}} + 74 + 253 + 96$

5. $\underline{\hspace{3cm}} + 411 + 4644 + 71 = 5201$

6. $5501 = \underline{\hspace{3cm}} + 44 + 571 + 71$

7. $6377 = 5426 + 81 + 800 + \underline{\hspace{3cm}}$

8. $\underline{\hspace{3cm}} + 60 + 4835 + 351 = 5304$

Missing Minuend and Subtrahend Problems

Grade 6 Subtraction Worksheet

Fill in the missing numbers.

1. $90{,}163 - \underline{\hspace{2cm}} = 86{,}905$

2. $\underline{\hspace{2cm}} - 8{,}486 = 66{,}380$

3. $94{,}189 - \underline{\hspace{2cm}} = 92{,}330$

4. $\underline{\hspace{2cm}} - 9{,}298 = 53{,}678$

5. $43{,}779 - \underline{\hspace{2cm}} = 39{,}273$

6. $13{,}455 - \underline{\hspace{2cm}} = 13{,}031$

7. $\underline{\hspace{2cm}} - 111 = 1{,}165$

8. $\underline{\hspace{2cm}} - 7{,}090 = 53{,}654$

9. $33{,}008 - \underline{\hspace{2cm}} = 32{,}159$

10. $\underline{\hspace{2cm}} - 3{,}998 = 3{,}872$

11. $41{,}066 - \underline{\hspace{2cm}} = 35{,}388$

12. $\underline{\hspace{2cm}} - 959 = 6{,}889$

13. $\underline{\hspace{2cm}} - 949 = 3{,}481$

14. $\underline{\hspace{2cm}} - 968 = 2{,}373$

15. $55{,}368 - \underline{\hspace{2cm}} = 54{,}769$

16. $9{,}543 - \underline{\hspace{2cm}} = 1{,}746$

Multiplying by parts

Grade 6 Multiplication Worksheet

Find the product.

1. 6 × 98 = _____

2. 5 × 94 = _____

3. 9 × 107 = _____

4. 6 × 90 = _____

5. 9 × 91 = _____

6. 7 × 92 = _____

7. 6 × 100 = _____

8. 8 × 97 = _____

9. 4 × 100 = _____

10. 8 × 92 = _____

11. 5 × 92 = _____

12. 5 × 100 = _____

13. 7 × 99 = _____

14. 8 × 106 = _____

15. 3 × 106 = _____

16. 5 × 96 = _____

17. 7 × 108 = _____

18. 5 × 93 = _____

19. 3 × 99 = _____

20. 8 × 93 = _____

Multiplying 3-digit by 2-digit numbers

Grade 6 Multiplication Worksheet

Find the product.

1. $\begin{array}{r} 741 \\ \times \quad 40 \\ \hline \end{array}$

2. $\begin{array}{r} 612 \\ \times \quad 36 \\ \hline \end{array}$

3. $\begin{array}{r} 899 \\ \times \quad 80 \\ \hline \end{array}$

4. $\begin{array}{r} 948 \\ \times \quad 70 \\ \hline \end{array}$

5. $\begin{array}{r} 971 \\ \times \quad 73 \\ \hline \end{array}$

6. $\begin{array}{r} 771 \\ \times \quad 49 \\ \hline \end{array}$

7. $\begin{array}{r} 826 \\ \times \quad 56 \\ \hline \end{array}$

8. $\begin{array}{r} 718 \\ \times \quad 24 \\ \hline \end{array}$

9. $\begin{array}{r} 200 \\ \times \quad 68 \\ \hline \end{array}$

Complete the Table Below.

Start Time	End Time	Elapsed Time
	12:33 P.M.	1 Hours & 33 Minutes
	7:35 A.M.	3 Hours & 15 Minutes
3:00 A.M.	4:34 A.M.	
	10:34 P.M.	2 Hours & 34 Minutes
10:40 A.M.	2:16 P.M.	
1:00 P.M.	3:55 P.M.	
	9:46 P.M.	3 Hours & 26 Minutes
5:00 P.M.	8:38 P.M.	
	5:00 P.M.	3 Hours & 40 Minutes
9:40 P.M.		4 Hours & 44 Minutes

Rounding to the Nearest Hundred

Round each number to the nearest hundred.

264 - _____   85 - _____

545 - _____   239 - _____

350 - _____   834 - _____

Bubble Numbers

(572)   (748)   (650)

(635)   (762)   (804)

Which two bubble numbers round to 700?

_____ and _____

Which two bubble numbers round to 600?

_____ and _____

(3 _ _)   (4 _ _)

Write 4 numbers that round to 400

(_ 2 _)   (_ 7 _)
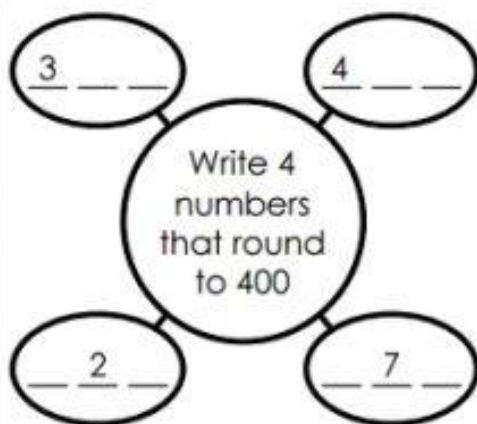
Write **True** or **False** for each statement.

765 rounds to 700. _____

829 rounds to 800. _____

109 rounds to 100. _____

Rounding to 10s

Round each number to the nearest ten.

1. 29 = _____

2. 38 = _____

3. 11 = _____

4. 91 = _____

5. 39 = _____

6. 88 = _____

7. 47 = _____

8. 14 = _____

9. 17 = _____

10. 67 = _____

11. 56 = _____

12. 21 = _____

13. 35 = _____

14. 85 = _____

Classifying and Identifying Angles
WORKSHEET#6

Classify each of the following angles by choosing the correct answer.

1)
a) Acute
b) Obtuse
c) Right

2)
a) Acute
b) Obtuse
c) Right

3)
a) Acute
b) Obtuse
c) Right

4)
a) Acute
b) Obtuse
c) Right

5)
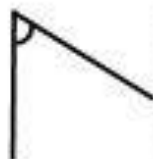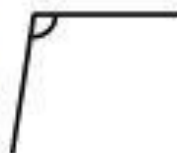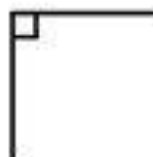a) Acute
b) Obtuse
c) Right

6)
a) Acute
b) Obtuse
c) Right

7)
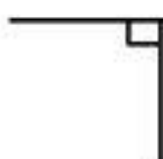a) Acute
b) Obtuse
c) Right

8)
a) Acute
b) Obtuse
c) Right

9)
a) Acute
b) Obtuse
c) Right

10)
a) Acute
b) Obtuse
c) Right

Solve the Sudoku Puzzle!

```
4 1 _ | _ 8 2 | 6 _ 3
_ _ 7 | 5 _ 9 | _ 1 8
8 _ 2 | 3 _ 6 | 7 _ 4
------+-------+------
_ 2 _ | 8 _ 7 | 4 3 1
_ _ 1 | _ _ 3 | _ 8 _
3 _ 4 | 9 _ 1 | 5 _ 2
------+-------+------
_ 5 3 | 1 _ 4 | _ _ 7 | 1 2 _ | _ _ 9
1 4 8 | 6 _ 5 | _ 2 9 | _ 7 _ | 1 8 _
7 6 _ | _ _ 8 | 1 4 _ | 8 _ 3 | 7 _ 2
                          ------+-------+------
                          7 _ | 2 6 5 | _ _ 1
                          _ 5 | 1 2 3 | 8 7 6
                          _ _ | 8 _ 1 | _ 2 3
------+-------+------+-------+------
1 7 _ | 3 _ 4 | 9 _ 6 | 7 4 1 | _ 3 _
3 6 9 | _ 5 7 | 2 1 4 | 3 8 5 | 6 _ 7
8 4 _ | 6 1 9 | 5 _ 3 | 9 _ 2 | 4 1 _
------+-------+------
_ _ 4 | _ 7 _ | 3 6 _
2 3 _ | 5 9 8 | 7 4 1
9 _ 7 | _ 6 3 | 8 5 _
------+-------+------
_ 5 8 | _ 3 6 | _ 2 7
7 9 _ | _ _ 5 | 6 3 8
6 _ 3 | _ 8 _ | 4 9 _
```

$$3 + 2 = \square \qquad \square + 4 = 8$$

$$+ \qquad +$$
$$1 \qquad 5 \qquad 6$$
$$= \qquad = \qquad +$$
$$3 \qquad \square + \square = \square \qquad 2$$
$$+ \qquad + \qquad =$$
$$2 \qquad \square + \square = \square$$
$$= \qquad = \qquad +$$
$$\square + \square = 7 \qquad \square + \square = 7$$
$$+ \qquad = \qquad +$$
$$6 + \square = 9 \qquad 4$$
$$= \qquad =$$
$$4 + \square = 8 \qquad \square + 3 = \square$$
$$+ \qquad +$$
$$2 \qquad 5$$
$$= \qquad =$$
$$\square + \square = \square$$