

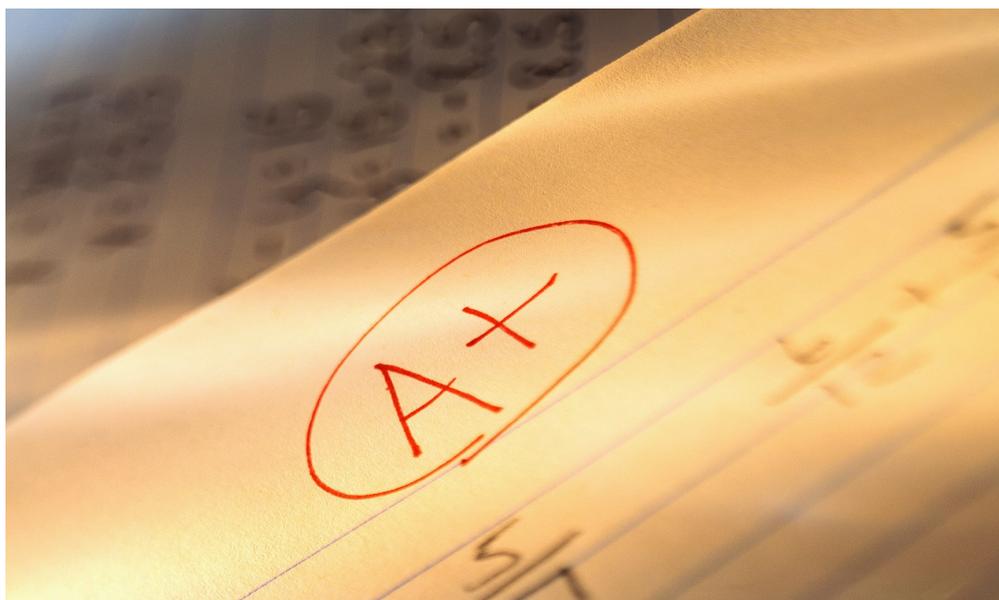
Summer Math Packet

Manchester Public Schools

Given to Grade One in June

Going into Grade Two

2016



Name _____

School _____

(Parent Signature)



DIRECTIONS for 1 – 4: Use manipulatives or pictures to solve numbers 1-4. Write a math sentence that goes with your work.

1a)

Sam has 6 books. Josef has 16 books. How many more does Joe have than Sam? Please show your work.

1b) Ana Maria has 3 books. If she puts her books with Sam and Joe's books, will they have enough to fill a box for 30 books? YES NO

OA.1

2) 14 birds were in the tree. Some of the birds flew away. Now there are 6 birds in the tree. How many birds flew away? Please show your work.

OA.1



3) Stella and Jonisha found 12 seashells on the beach. Some of them were shaped like cones. The rest were shaped like half circles.

How many were shaped like cones? How many were shaped like half circles?

Write 10 or 11 possible answers.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

OA.1



- 4) Roy had 7 cars. Juan had 4 cars. Selina had 3 cars. How many cars did they have all together? Show your answer with 3 different equations.

OA.2

- 5) If $3+5=8$ and $5+3=8$, then $4+5+2=$ _____, and

$$4+5+2 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

OA.3

- 6) Trent read 9 pages. How many more pages does he have to read to get to page 20?

$$9 + \underline{\quad} = 20$$

OA.4



7) Isabella bought 9 balloons for the party. She needs to have 18 balloons. How many more does she need to buy? Please show your work

OA.4

8) Show on the number line $12 + 7 =$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

OA.5

9) Show on the number line $16 - 5 =$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

OA.5



- 10a) Look at the equation. Circle a pair of numbers in the equation that makes ten.

$$3 + 6 + 4 + 5 = \underline{\hspace{2cm}}$$

- 10b) Does this make it easier to find the answer? YES NO

- 10c) Look carefully for pairs of numbers that make ten.

Use pairs of tens to solve the equation.

$$1 + 5 + 5 + 3 + 4 + 6 = \underline{\hspace{2cm}}$$

OA. 6

- 11) Jose had sixteen toy cars. He went to the toy store with his father. His father bought him some more cars. When Jose got home, he counted his cars and then he had 20. How many cars did his father buy for him? Show your work.

OA.1 OA.8



12) Fill in the missing numbers.

$$6 - 4 = \underline{\quad\quad} \quad 8 - 1 = \underline{\quad\quad} \quad 6 + 4 = \underline{\quad\quad}$$

$$3 + \underline{\quad\quad} = 9 \quad 7 + \underline{\quad\quad} = 10 \quad 11 - \underline{\quad\quad} = 3$$

$$10 - 7 = 3 + \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} - 2 = 4 + 2$$

$$3 + 4 = 9 - \underline{\quad\quad\quad} \quad 10 - 4 = 2 + \underline{\quad\quad\quad}$$

$$4 + 5 = \underline{\quad\quad\quad} + 1 \quad \underline{\quad\quad\quad} - 6 = 1 + 2$$

OA.7

13) Circle the sentences that are true.

• $7 = 8 - 1$

• $5 + 3 = 10 - 2$

• $1 + 1 + 3 = 7$

• $4 + 3 + 5 = 3 + 5 + 4$

• $4 + 3 = 3 + 4$

• $13 = 10 + 4$

• $9 + 3 = 10$

• $10 + 9 + 1 = 19$

OA.7



14) Fill in the missing number.

45 **46** _____ **48** _____ **51** _____

87 _____ **89** _____ **91** **92** **93** **94** _____

_____ **36** _____ **39** _____

_____ **100** _____ **103** _____

NBT.1

15) Emmet found 34 shells at the beach. How many groups of ten can he make and how many will be left over?

_____ tens and _____ ones

16) Troy counted 83 fish swimming in the aquarium. How many groups of ten can she make and how many will be left over?

_____ tens and _____ ones

17) Conor and Rhonda collected 84 crabs. How many groups of ten can they make and how many will be left over?

_____ tens and _____ ones

NBT.2



18a) Write a symbol ($<$, $>$, or $=$) for each set of numbers.

$87 \underline{\hspace{1cm}} 45 \quad 15 \underline{\hspace{1cm}} 24 \quad 77 \underline{\hspace{1cm}} 92$

$18 \underline{\hspace{1cm}} 18 \quad 96 \underline{\hspace{1cm}} 69 \quad 114 \underline{\hspace{1cm}} 104$

$3 + 9 \underline{\hspace{1cm}} 6 + 6 \quad 10 - 4 \underline{\hspace{1cm}} 8 - 2 \quad 5 - 4 \underline{\hspace{1cm}} 2 + 7$

18b) $3 + 7 + 6 + 4 \underline{\hspace{1cm}} 8 + 2 + 5 + 5$

NBT.3

19) Change each number to tens and ones and then add.

Example:

$$\begin{array}{r} 42 \quad + \quad 54 = \\ 40 + 2 \quad + \quad 50 + 4 = \\ 40 + 50 \quad + \quad 2 + 4 = \\ 90 \quad + \quad 6 = 96 \end{array}$$

Now you try it:

$$\begin{array}{r} 23 \quad + \quad 41 \quad = \\ \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \quad + \quad \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \quad = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \quad + \quad \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \quad = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} \quad + \quad \underline{\hspace{1cm}} \quad = \underline{\hspace{1cm}} \end{array}$$

NBT.4



20) Solve:

$$\begin{array}{r} 21 \\ +45 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ +73 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ +26 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ +18 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ +90 \\ \hline \end{array}$$

NBT.4

21) Solve:

$$\begin{array}{r} 86 \\ -45 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ -73 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -26 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ -90 \\ \hline \end{array}$$

NBT.4

22) Mental Math: Find the answers by thinking about it carefully.
Add 10 more to each number.

54 64

123 _____

74 _____

25 _____

92 _____

61 _____

110 _____

85 _____

NBT.5



23) There are 27 people on the playground. 13 more people show up. How many people are now on the playground? Use the number line to find the answer.



NBT.4

24) There are 40 students in the gym. 15 students leave. How many students are still in the gym? Use the number line to find the answer.



NBT.6

25) Mental Math: Find the answers by think about it carefully.
Subtract 10 from each number.

78 68 98 _____ 19 _____ 45 _____

55 _____ 72 _____ 110 _____ 36 _____

NBT.5



26) Fill in the missing word that tells about a shape.

pentagon square rectangle triangle

a. A _____ has 3 sides and is closed.

b. A _____ has 4 equal sides and is closed.

c. A _____ has 5 sides and is closed.

G.1

DIRECTIONS FOR 27-29: Let's put shapes together.

27) Draw two triangles together to make a square.

28) Draw three triangles together to make a trapezoid.

29) Draws six triangles together to make a long skinny rectangle.

G.2



30) Draw a circle, square, triangle and rectangle in each section below.
Divide each shape into two equal parts.

Color one half of each shape.

a.

b.

c.

d.

G.3



31) Draw a picture using as many shapes as you wish.

Be sure to include circles, triangles, and rectangles.

a. How many circles are there? _____

b. How many triangles are there? _____

c. How many rectangles are there? _____

G.2 MD.4



32) Use a ruler. Measure each string to the nearest inch.

A. 

B. 

C. 

D. 

E. 

A = _____ inches B = _____ inches C = _____ inches

D = _____ inches E = _____ inches

GREAT JOB!

