

for all for all for all for

Manatee Math Summer Program

Once the packet is complete,
turn it in for a prize once
school resumes!

INCOMING 3rd Grade



Solve problems 1–6. Show your work.

- 1 There are 4 fewer cats than dogs. There are 2 cats. How many dogs are there?

_____ dogs

- 2 Trevor sees 8 red birds. He sees 5 more red birds than blue birds. How many blue birds does Trevor see?

Trevor sees _____ blue birds.

- 3 Anna has 7 baskets and some flowers. She has 5 fewer baskets than flowers. How many flowers does Anna have?

Anna has _____ flowers.

- 4 There are 14 coats and some hats. There are 6 more coats than hats. How many hats are there?

_____ hats

- 5 There are 9 apples. There are 6 fewer apples than oranges. How many oranges are there?

_____ oranges

- 6 Brynne has 13 books. She has 8 more books than games. How many games does Brynne have?

Brynne has _____ games.

Solve problems 1–6. Show your work.

1 Jack has 9 flowers to plant. He plants 2 flowers before lunch. Then he plants 3 more after lunch. How many flowers does Jack have left to plant?

Jack has _____ flowers left to plant.

2 There are 8 girls at the park. First, 5 girls go home. Then 6 more girls come to the park. How many girls are at the park now?

There are _____ girls at the park.

3 Bella paints 6 pictures on Monday and 8 pictures on Wednesday. Then she paints 3 more pictures on Friday. How many pictures does Bella paint this week?

Bella paints _____ pictures this week.

4 Ali puts 12 books in a box. She takes 4 books out of the box. Then she puts 6 books in the box. How many books are in the box now?

There are _____ books in the box.

5 Lucas has 5 crayons. His sister gives him 6 more. Then he gives 4 to a friend. How many crayons does Lucas have now?

Lucas has _____ crayons.

6 Miss Brady puts 15 pencils in her desk. Then she takes out 9 pencils. After school she puts 5 pencils back in her desk. How many pencils are in Miss Brady's desk now?

There are _____ pencils in the desk.

Solve problems 1–6. Show your work.

1 Tony has 37 building blocks. Then he buys more blocks. Now he has 51 blocks. How many blocks does Tony buy?

Tony buys _____ blocks.

2 There are some chairs in the art room. Mrs. Lopez brings in 16 more chairs. Now there are 42 chairs. How many chairs were in the room at the start?

There were _____ chairs in the room at the start.

3 Jen has some buttons. She gets 23 more buttons from her mom. Now she has 65 buttons. How many buttons did Jen have to begin with?

Jen had _____ buttons to begin with.

4 Colby packs 31 boxes in one day. He packs 12 boxes in the morning and some boxes after lunch. How many boxes does Colby pack after lunch?

Colby packs _____ boxes after lunch.

5 Ayanna reads 26 pages of her book at school. Later she reads more pages at home. Now she has read 54 pages. How many pages does Ayanna read at home?

Ayanna reads _____ pages at home.

6 The camp has some tents. Campers set up 42 more tents. Now the camp has 60 tents. How many tents did the camp have to begin with?

The camp had _____ tents to begin with.

Find the sums and missing addends.

1 $30 + 7 + 50 + 3 = \underline{90}$

2 $37 + 53 = \underline{\hspace{2cm}}$

3 $20 + 8 + 40 + 2 = \underline{\hspace{2cm}}$

4 $28 + 42 = \underline{\hspace{2cm}}$

5 $60 + 6 + 10 + 4 = \underline{\hspace{2cm}}$

6 $66 + 14 = \underline{\hspace{2cm}}$

7 $40 + 5 + 40 + 5 = \underline{\hspace{2cm}}$

8 $45 + \underline{\hspace{2cm}} = 90$

9 $30 + 9 + 20 + 1 = \underline{\hspace{2cm}}$

10 $\underline{\hspace{2cm}} + 21 = 60$

11 $20 + 4 + 60 + 6 = \underline{\hspace{2cm}}$

12 $24 + \underline{\hspace{2cm}} = 90$

13 $40 + 3 + 30 + 7 = \underline{\hspace{2cm}}$

14 $\underline{\hspace{2cm}} + 37 = 80$

15 How does the information in problem 9 help you solve problem 10?

Circle all the problems where you can regroup a ten to help subtract. Then solve the circled problems.

$$\textcircled{1} \begin{array}{r} 32 \\ - 16 \\ \hline 16 \end{array}$$

$$\textcircled{2} \begin{array}{r} 48 \\ - 15 \\ \hline \end{array}$$

$$\textcircled{3} \begin{array}{r} 57 \\ - 25 \\ \hline \end{array}$$

$$\textcircled{4} \begin{array}{r} 63 \\ - 39 \\ \hline \end{array}$$

$$\textcircled{5} \begin{array}{r} 76 \\ - 26 \\ \hline \end{array}$$

$$\textcircled{6} \begin{array}{r} 82 \\ - 37 \\ \hline \end{array}$$

$$\textcircled{7} \begin{array}{r} 38 \\ - 28 \\ \hline \end{array}$$

$$\textcircled{8} \begin{array}{r} 53 \\ - 44 \\ \hline \end{array}$$

$$\textcircled{9} \begin{array}{r} 42 \\ - 25 \\ \hline \end{array}$$

$$\textcircled{10} \begin{array}{r} 96 \\ - 40 \\ \hline \end{array}$$

$$\textcircled{11} \begin{array}{r} 92 \\ - 56 \\ \hline \end{array}$$

$$\textcircled{12} \begin{array}{r} 65 \\ - 23 \\ \hline \end{array}$$

$$\textcircled{13} \begin{array}{r} 86 \\ - 19 \\ \hline \end{array}$$

$$\textcircled{14} \begin{array}{r} 59 \\ - 33 \\ \hline \end{array}$$

$$\textcircled{15} \begin{array}{r} 77 \\ - 48 \\ \hline \end{array}$$

$$\textcircled{16} \begin{array}{r} 62 \\ - 27 \\ \hline \end{array}$$

17 How did you know which problems to circle?

18 Check one of your answers by solving it using a different strategy. Show your work.

Solve.

$1 \quad 35 + \underline{10} = 45$

$35 + \underline{20} = 55$

$35 + \underline{25} = 60$

$2 \quad 24 + \underline{\quad\quad\quad} = 34$

$24 + \underline{\quad\quad\quad} = 64$

$24 + \underline{\quad\quad\quad} = 68$

$3 \quad 42 + \underline{\quad\quad\quad} = 52$

$42 + \underline{\quad\quad\quad} = 82$

$42 + \underline{\quad\quad\quad} = 87$

$4 \quad 51 + \underline{\quad\quad\quad} = 61$

$51 + \underline{\quad\quad\quad} = 71$

$51 + \underline{\quad\quad\quad} = 76$

$5 \quad 26 + \underline{\quad\quad\quad} = 36$

$26 + \underline{\quad\quad\quad} = 66$

$26 + \underline{\quad\quad\quad} = 69$

$6 \quad 58 + \underline{\quad\quad\quad} = 60$

$58 + \underline{\quad\quad\quad} = 70$

$58 + \underline{\quad\quad\quad} = 71$

$7 \quad 39 + \underline{\quad\quad\quad} = 40$

$39 + \underline{\quad\quad\quad} = 70$

$39 + \underline{\quad\quad\quad} = 75$

$8 \quad 27 + \underline{\quad\quad\quad} = 30$

$27 + \underline{\quad\quad\quad} = 60$

$27 + \underline{\quad\quad\quad} = 65$

$9 \quad 44 + \underline{\quad\quad\quad} = 54$

$44 + \underline{\quad\quad\quad} = 64$

$44 + \underline{\quad\quad\quad} = 67$

$10 \quad 69 + \underline{\quad\quad\quad} = 70$

$69 + \underline{\quad\quad\quad} = 90$

$69 + \underline{\quad\quad\quad} = 93$

Strategies to Find a Missing Addend *continued*

Name: _____

11 $33 + \underline{\hspace{2cm}} = 43$

$33 + \underline{\hspace{2cm}} = 73$

$33 + \underline{\hspace{2cm}} = 76$

12 $48 + \underline{\hspace{2cm}} = 50$

$48 + \underline{\hspace{2cm}} = 80$

$48 + \underline{\hspace{2cm}} = 85$

13 $26 + \underline{\hspace{2cm}} = 70$

$32 + \underline{\hspace{2cm}} = 61$

$49 + \underline{\hspace{2cm}} = 95$

14 $57 + \underline{\hspace{2cm}} = 83$

$34 + \underline{\hspace{2cm}} = 67$

$28 + \underline{\hspace{2cm}} = 53$

15 $62 + \underline{\hspace{2cm}} = 85$

$41 + \underline{\hspace{2cm}} = 96$

$53 + \underline{\hspace{2cm}} = 77$

16 $19 + \underline{\hspace{2cm}} = 75$

$43 + \underline{\hspace{2cm}} = 87$

$68 + \underline{\hspace{2cm}} = 99$

17 Explain how the strategy to solve problem 5 is different from the strategy used to solve problem 6.

18 Explain the strategy you used to solve the first part of problem 14.

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $300 + 50 + 1 =$ _____

2 2 hundreds + 6 tens + 7 ones =

3 $400 + 20 + 6 =$ _____

4 $400 + 60 + 2 =$ _____

5 $600 + 40 + 2 =$ _____

6 5 hundreds + 1 ten + 3 ones =

7 3 hundreds + 7 tens + 5 ones =

8 $500 + 20 + 6 =$ _____

9 $200 + 8 =$ _____

10 2 hundreds + 8 tens + 0 ones =

11 $600 + 70 + 1 =$ _____

12 6 hundreds + 0 tens + 7 ones =

13 $400 + 70 + 6 =$ _____

14 2 hundreds + 3 tens + 3 ones =

15 3 hundreds + 2 tens + 3 ones =

16 3 hundreds + 3 tens + 2 ones =

Answers:

233	607	476	323	267	671
426	513	526	208	642	462
332	375	280	351		

Writing Three-Digit Numbers

Name: _____

Write the number using only digits.

1 one hundred sixty-four

2 six hundred fifty-two

3 three hundred twelve

4 two hundred sixty-one

5 two hundred five

6 five hundred nineteen

Write the number using only digits.

7 $100 + 10 + 6$

8 $500 + 4$

9 $300 + 40 + 5$

10 $300 + 50 + 4$

11 $400 + 60$

12 $500 + 40$

The answers are mixed up at the bottom of the page.
Cross out the answers as you complete the problems.

$$\begin{array}{r} 1 \quad 635 \\ + 321 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 439 \\ + 154 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 336 \\ + 123 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 825 \\ + 166 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 512 \\ + 336 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 246 \\ + 348 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 772 \\ + 109 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 347 \\ + 314 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 483 \\ + 208 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 225 \\ + 224 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 548 \\ + 406 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 475 \\ + 515 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 273 \\ + 211 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 728 \\ + 253 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 627 \\ + 263 \\ \hline \end{array}$$

Answers:

449	594	881	956	691
484	661	890	991	593
954	848	990	459	981

Circle all the problems where you must regroup a ten to subtract the ones. Then find the differences of only the problems you circled.

1
$$\begin{array}{r} 875 \\ - 646 \\ \hline 229 \end{array}$$

2
$$\begin{array}{r} 478 \\ - 226 \\ \hline \end{array}$$

3
$$\begin{array}{r} 692 \\ - 437 \\ \hline \end{array}$$

4
$$\begin{array}{r} 345 \\ - 224 \\ \hline \end{array}$$

5
$$\begin{array}{r} 761 \\ - 338 \\ \hline \end{array}$$

6
$$\begin{array}{r} 514 \\ - 402 \\ \hline \end{array}$$

7
$$\begin{array}{r} 953 \\ - 821 \\ \hline \end{array}$$

8
$$\begin{array}{r} 474 \\ - 156 \\ \hline \end{array}$$

9
$$\begin{array}{r} 320 \\ - 210 \\ \hline \end{array}$$

10
$$\begin{array}{r} 663 \\ - 425 \\ \hline \end{array}$$

11
$$\begin{array}{r} 619 \\ - 308 \\ \hline \end{array}$$

12
$$\begin{array}{r} 847 \\ - 628 \\ \hline \end{array}$$

13
$$\begin{array}{r} 736 \\ - 517 \\ \hline \end{array}$$

14
$$\begin{array}{r} 563 \\ - 249 \\ \hline \end{array}$$

15
$$\begin{array}{r} 375 \\ - 163 \\ \hline \end{array}$$

16 How can you tell by looking at the problem if you need to regroup a ten to subtract the ones?

The answers are mixed up at the bottom of the page.
Cross out the answers as you complete the problems.

$$\begin{array}{r} 1 \quad 816 \\ - 432 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 927 \\ - 563 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 506 \\ - 315 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 448 \\ - 160 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 743 \\ - 471 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 476 \\ - 293 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 628 \\ - 236 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 961 \\ - 470 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 527 \\ - 256 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 347 \\ - 154 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 835 \\ - 285 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 624 \\ - 382 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 329 \\ - 170 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 465 \\ - 195 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 519 \\ - 378 \\ \hline \end{array}$$

Answers:

193	242	191	384	272
364	271	491	288	392
183	141	550	159	270