

7<sup>th</sup> and 8<sup>th</sup> grade  
Math Packet



Bryant Middle School  
Winter Packet  
Answer Key

$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$	$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	$\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$
-----------------------------------------------------------	----------------------------------------------------------	-----------------------------------------------------------	-----------------------------------------------------------	-----------------------------------------------------------	----------------------------------------------------------	----------------------------------------------------------	-----------------------------------------------------------	-----------------------------------------------------------	-----------------------------------------------------------

$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 2 \\ \times 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 4 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$
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$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 5 \\ \times 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	$\begin{array}{r} 0 \\ \times 3 \\ \hline 0 \end{array}$	$\begin{array}{r} 6 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 0 \\ \times 7 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$
-----------------------------------------------------------	-----------------------------------------------------------	----------------------------------------------------------	-----------------------------------------------------------	----------------------------------------------------------	----------------------------------------------------------	----------------------------------------------------------	----------------------------------------------------------	----------------------------------------------------------	-----------------------------------------------------------

$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$\begin{array}{r} 0 \\ \times 5 \\ \hline 0 \end{array}$	$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 0 \\ \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$
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$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 3 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ \times 2 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$	$\begin{array}{r} 1 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$
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$\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	$\begin{array}{r} 0 \\ \times 9 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 2 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$
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$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 8 \\ \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$	$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$
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$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$	$\begin{array}{r} 0 \\ \times 2 \\ \hline 0 \end{array}$
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$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 0 \\ \times 0 \\ \hline 0 \end{array}$
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$\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 0 \\ \times 6 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 0 \\ \times 1 \\ \hline 0 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 0 \\ \times 8 \\ \hline 0 \end{array}$	$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$
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**Lesson 2.5, page 19**

	a	b	c	d
1.	$1\frac{3}{8}$	$\frac{5}{6}$	$1\frac{3}{20}$	$\frac{1}{2}$
2.	$1\frac{7}{40}$	$\frac{4}{5}$	$1\frac{11}{12}$	$1\frac{9}{20}$
3.	$\frac{5}{8}$	$\frac{29}{35}$	$1\frac{1}{56}$	$\frac{13}{15}$
4.	$\frac{7}{20}$	$\frac{1}{5}$	$\frac{3}{8}$	$\frac{7}{15}$
5.	$\frac{1}{2}$	$\frac{7}{15}$	$1\frac{11}{24}$	$\frac{1}{5}$
6.	$1\frac{1}{12}$	$1\frac{1}{18}$	$\frac{1}{6}$	$\frac{41}{99}$

**Lesson 2.6, page 20**

	a	b	c	d
1.	$3\frac{7}{12}$	$10\frac{7}{8}$	$6\frac{13}{21}$	$4\frac{7}{10}$
2.	$7\frac{7}{9}$	$2\frac{33}{40}$	$5\frac{19}{24}$	$3\frac{22}{35}$
3.	$5\frac{3}{4}$	$4\frac{7}{18}$	$4\frac{47}{70}$	$6\frac{5}{6}$
4.	$1\frac{11}{22}$	$1\frac{11}{12}$	$\frac{3}{4}$	$1\frac{43}{56}$
5.	$1\frac{49}{88}$	$4\frac{4}{15}$	$2\frac{5}{6}$	$1\frac{23}{42}$
6.	$2\frac{1}{6}$	$1\frac{9}{20}$	$2\frac{17}{24}$	$1\frac{3}{8}$

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**Lesson 2.10, page 24**

	a	b	c	d	e	f
1.	$\frac{3}{2}$	$\frac{8}{9}$	$\frac{2}{7}$	$\frac{4}{13}$	$\frac{12}{9}$	$\frac{5}{2}$
2.	$\frac{8}{7}$	$\frac{3}{10}$	$\frac{5}{8}$	$\frac{1}{12}$	$\frac{7}{3}$	2
3.	10	$\frac{5}{3}$	$\frac{7}{15}$	$\frac{11}{3}$	$\frac{8}{19}$	$\frac{1}{4}$
4.	$\frac{8}{3}$	$\frac{7}{2}$	$\frac{9}{4}$	$\frac{4}{7}$	$\frac{12}{7}$	$1\frac{14}{3}$
5.	$1\frac{17}{2}$	15	$\frac{20}{13}$	$\frac{9}{20}$	$\frac{1}{3}$	$\frac{7}{25}$
6.	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{5}{3}$	$\frac{12}{13}$	$\frac{11}{14}$	$1\frac{16}{3}$
7.	$\frac{7}{17}$	$\frac{1}{20}$	$\frac{9}{8}$	$\frac{16}{53}$	$\frac{9}{17}$	16

**Lesson 2.11, page 25**

	a	b	c	d
1.	$5\frac{1}{4}$	$2\frac{8}{15}$	$1\frac{1}{2}$	$21\frac{1}{3}$
2.	$11\frac{2}{3}$	$1\frac{9}{16}$	$2\frac{6}{7}$	$\frac{3}{5}$
3.	$11\frac{1}{4}$	$\frac{3}{5}$	$3\frac{1}{3}$	$2\frac{1}{6}$
4.	10	$10\frac{15}{16}$	51	98
5.	$2\frac{1}{45}$	$1\frac{47}{63}$	$\frac{4}{5}$	$1\frac{14}{15}$

**Lesson 2.11, page 26**

	a	b	c	d
1.	$2\frac{1}{2}$	$1\frac{81}{119}$	$1\frac{10}{26}$	$1\frac{3}{4}$
2.	$\frac{8}{17}$	$9\frac{3}{4}$	6	$\frac{14}{5}$
3.	$2\frac{2}{11}$	$1\frac{11}{12}$	$1\frac{19}{22}$	30

Answer Key

**Lesson 2.7, page 21**

1.  $\frac{3}{4}$  2.  $13\frac{31}{40}$  3.  $9\frac{7}{12}$  4.  $\frac{3}{4}$  5.  $3\frac{31}{56}$ ;  $1\frac{47}{56}$  6.  $2\frac{11}{24}$

**Lesson 2.8, page 22**

	a	b	c	d
1.	$\frac{3}{8}$	$\frac{8}{15}$	$\frac{9}{16}$	$\frac{1}{10}$
2.	$\frac{21}{40}$	$\frac{1}{5}$	$\frac{3}{35}$	$\frac{6}{25}$
3.	$\frac{15}{64}$	$\frac{1}{3}$	$\frac{5}{9}$	$\frac{4}{21}$
4.	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{16}{105}$	$\frac{5}{48}$
5.	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{14}$	$\frac{1}{12}$
6.	$\frac{3}{35}$	$\frac{1}{30}$	$\frac{7}{60}$	$\frac{3}{8}$

**Lesson 2.9, page 23**

	a	b	c
1.	$3\frac{6}{7}$	$7\frac{1}{2}$	$3\frac{11}{18}$
2.	$13\frac{1}{2}$	$6\frac{11}{24}$	$2\frac{6}{7}$
3.	$31\frac{1}{2}$	$17\frac{1}{2}$	$94\frac{7}{8}$
4.	$2\frac{2}{9}$	$3\frac{25}{48}$	$4\frac{1}{2}$
5.	$1\frac{11}{15}$	$3\frac{1}{18}$	$3\frac{2}{3}$
6.	$12\frac{4}{5}$	$1\frac{2}{3}$	$\frac{35}{36}$

4.	$1\frac{20}{33}$	28	$\frac{9}{10}$	$5\frac{6}{7}$
5.	$6\frac{1}{14}$	$\frac{17}{22}$	$1\frac{11}{16}$	$2\frac{5}{14}$
6.	$\frac{7}{24}$	30	$2\frac{14}{15}$	$3\frac{13}{15}$

## Adding/Subtracting Integers

**Find each sum.**

1)  $(-12) + 7$

-5

2)  $(-10) + (-7)$

-17

3)  $(-6) + 12$

6

4)  $8 + 7$

15

5)  $3 + 4$

7

6)  $(-45) + 9$

-36

7)  $(-1) + (-46)$

-47

8)  $(-30) + 10$

-20

9)  $(-34) + 50$

16

10)  $38 + (-5)$

33

**Find each difference.**

11)  $2 - (-2)$

4

12)  $(-1) - 10$

-11

13)  $8 - 7$

1

14)  $(-8) - (-6)$

-2

$15) 11 - 4$

-

$16) 48 - (-31)$

79

$17) 18 - 41$

-23

$18) (-38) - 30$

-68

$19) (-1) - (-3)$

2

$20) (-1) - (-40)$

39

**Evaluate each expression.**

$21) (-10) - 47$

-57

$22) (-29) - 29$

-58

$23) 13 + (-29)$

-16

$24) 38 + 22$

60

$25) (-32) - 44$

-76

$26) (-12) + (-11)$

-23

$27) 2 + 15 + 4$

21

$28) 16 + (-13) + 5$

8

$29) 2 - (-9) - 8$

3

$30) 10 + 3 - (-8)$

21

## Answer Key for Subtracting Integers

1. 13
2. -15
3. -13
4. 11
5. -7
6. 10
7. -9
8. -7
9. -4
10. -2
11. 17
12. -20
13. 20
14. 0
15. 40
16. 16
17. 1
18. -14
19. 4
20. 20
21. -6
22. -14
23. -7
24. 29
25. 4
26. -7
27. -7
28. -98
29. 12
30. 8
31. -9
32. 36

Use the positive and negative rules to rewrite and answer the questions below. The first one is done for you.

$6 - (-3) =$

$6 + 3 = 9$

$-4 - (+5) =$

$-4 - 5 = -9$

$2 - (-7) =$

$2 + 7 = 9$

$-14 - (-6) =$

$-14 + 6 = -8$

$-8 + (-6) =$

$-8 - 6 = -14$

$9 + (-8) =$

$9 - 8 = 1$

Answer the questions below.

$2 - (-4) = 6$

$6 + (-3) = 3$

$-10 + (-4) = -14$

$-18 - (-7) = -11$

$5 + 6 = 11$

$11 - (-3) = 14$

$9 - 10 = -1$

$-6 + (-10) = -16$

$6 - 3 = 3$

$-7 - 4 = -11$

$-5 - (-2) = -3$

$4 - (-4) = 8$

$19 - 20 = -1$

$-15 - (-6) = -9$

$-7 - (-7) = 0$

$22 + (-5) = 17$

$-1 - (-9) = 8$

$6 + 4 = 10$

$-10 - 10 = -20$

$16 - (-8) = 24$

$12 + 7 = 19$

$14 - 6 = 8$

$76 - (-3) = 79$

$76 + (-6) = 70$

$-12 + 12 = 0$

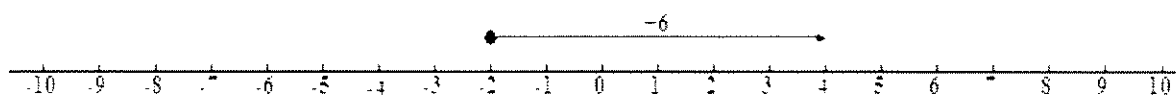
$-7 - 4 = -11$

$60 + (-10) = 50$

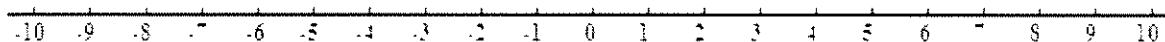
$-12 - (-8) = -4$

Use the integer line to answer the questions below. The first one is done for you.

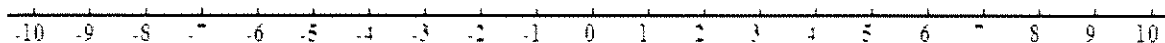
#1:  $-2 + 6 = 4$



#2:  $-2 + 8 = 6$



#3:  $-6 + 9 = 3$



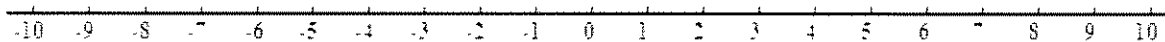
#4:  $-4 + 6 = 2$



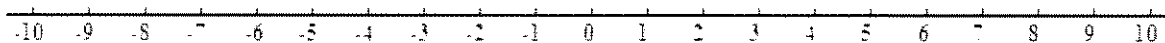
#5:  $-9 + 3 = -6$



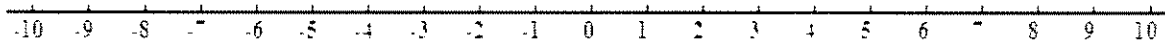
#6:  $-5 + 2 = -3$



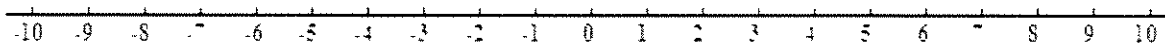
#7:  $2 + (-7) = -5$



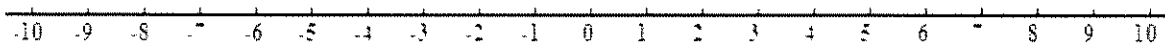
#8:  $6 + (-8) = -2$



#9:  $-2 + (-5) = -7$



#10:  $-3 + (-2) = -5$





## Answers to Adding and Subtracting Integers

1)  $-4$

5)  $4$

9)  $-13$

13)  $-1$

17)  $2$

21)  $-3$

25)  $1$

29)  $-9$

33)  $2$

37)  $-6$

2)  $2$

6)  $-5$

10)  $2$

14)  $7$

18)  $0$

22)  $1$

26)  $-11$

30)  $5$

34)  $6$

38)  $-5$

3)  $3$

7)  $-5$

11)  $-1$

15)  $-9$

19)  $-1$

23)  $6$

27)  $-1$

31)  $4$

35)  $4$

39)  $-5$

4)  $2$

8)  $-17$

12)  $0$

16)  $9$

20)  $12$

24)  $-5$

28)  $0$

32)  $6$

36)  $-4$

40)  $8$

# Adding Decimals

Find the sum.  $17.46 + 9.358$

**Step 1**  
Line up the decimal points.

$$\begin{array}{r} 17.460 \\ + 9.358 \\ \hline \end{array}$$

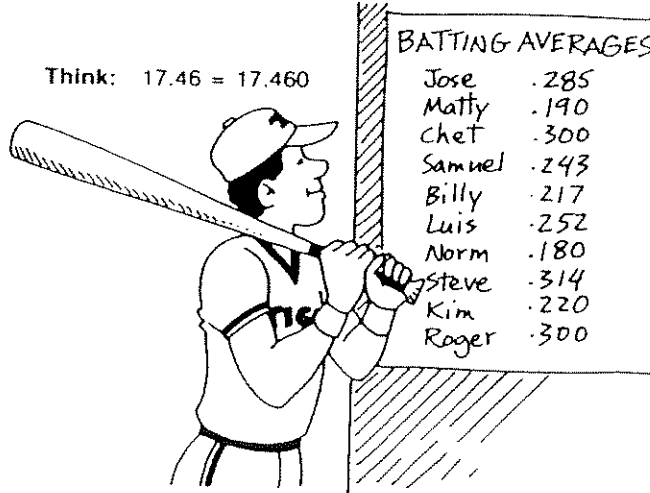
**Step 2**  
Place the decimal point in the answer.

$$\begin{array}{r} 17.460 \\ + 9.358 \\ \hline \end{array}$$

**Step 3**  
Add.

$$\begin{array}{r} 1 \quad 1 \\ 17.460 \\ + 9.358 \\ \hline 26.818 \end{array}$$

Think:  $17.46 = 17.460$



Rewrite the problem to line up the decimal points. Solve.

1.  $8.3 + 10.9$

$$19.2$$

2.  $2.66 + 5.9$

$$8.56$$

3.  $35.31 + 9.475$

$$44.785$$

4.  $12.5 + 6.8$

$$19.3$$

5.  $62.09 + 4.586$

$$66.676$$

6.  $83.26 + 17.5$

$$100.76$$

7.  $21.5 + 7.2$

$$28.7$$

8.  $8.98 + 16.06$

$$25.04$$

9.  $0.33 + 7.568$

$$7.898$$

10.  $126.2 + 73.49$

$$199.69$$

11.  $309.75 + 92.3$

$$402.05$$

12.  $156.04 + 3.956$

$$159.996$$

# Adding Decimals

Place the decimal point in the sum.

1.  $6.3 + 0.26 + 14.816 = 2 \ 1.3 \ 7 \ 6$
2.  $7.069 + 4.274 + 13.5 = 2 \ 4.8 \ 4 \ 3$
3.  $32.09 + 8.027 + 16.8 = 5 \ 6.4 \ 9 \ 1 \ 7$
4.  $0.2 + 324.529 + 26.93 = 3 \ 5 \ 1.6 \ 5 \ 9$

Find the sum.

5.  $4.3 + 1.5$  5.8
6.  $23.82 + 18.8$  42.62
7.  $9.606 + 0.42$  10.026
8.  $\$54.20 + \$5.93$  60.13
9.  $65.03 + 7.468$  72.498
10.  $13.076 + 0.08$  13.84
11.  $\begin{array}{r} 2.781 \\ 13.284 \\ + 6.63 \\ \hline 22.695 \end{array}$
12.  $\begin{array}{r} 43.17 \\ 2.899 \\ + 17.4 \\ \hline 63.469 \end{array}$
13.  $\begin{array}{r} 7.521 \\ 40.28 \\ + 0.1684 \\ \hline 47.9694 \end{array}$
14.  $\begin{array}{r} 4.7 \\ 21.58 \\ + 4.123 \\ \hline 30.403 \end{array}$
15.  $\begin{array}{r} 14.9 \\ 621.8 \\ + 26.93 \\ \hline 663.63 \end{array}$
16.  $\$0.45 + \$62.90 + \$23$  86.35
17.  $50.1 + 652.12 + 3,067 + 0.88$  3770.1

## Mixed Applications

18. A tabletop is 4.717 centimeters thick. It is covered with a layer of 0.159 centimeter-thick laminated plastic. What is the total thickness?  
4.876 cm
19. The monthly snowfall during the winter was 10.5 inches, 15.85 inches, and 8.6 inches. How much snow fell?  
34.95 inches
20. In 1900, 4,192 cars were sold. In 1910, 181,000 cars were sold. How many more were sold in 1910 than 1900?  
176,808 cars
21. One year, Vermont had 378,000 licensed drivers and Wyoming had 365,000. Which state had the greater number of licensed drivers?  
Vermont

### NUMBER SENSE

22. How is 2.36 different from 23.6? Is the sum  $2.36 + 9.8$  the same as the sum  $23.6 + 9.8$ ? Explain.

2.36 is smaller. 23.6 means twenty three whole parts and 6 tenths or more than half of another.

# Subtracting Decimals

Find the difference.  $8.13 - 2.758$

**Step 1**

Line up the decimal points.

$$\begin{array}{r} 8.130 \\ - 2.758 \\ \hline \end{array}$$

Think:  $8.13 = 8.130$

**Step 2**

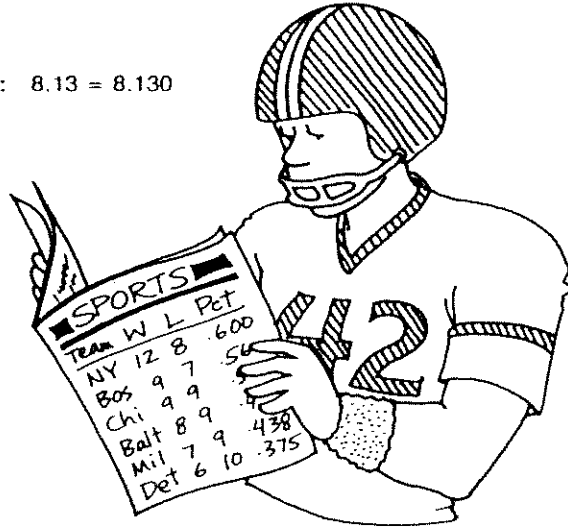
Place the decimal point in the answer.

$$\begin{array}{r} 8.130 \\ - 2.758 \\ \hline \end{array}$$

**Step 3**

Subtract.

$$\begin{array}{r} 10\ 12 \\ 7\ \cancel{0}\ \cancel{2}\ 10 \\ \cancel{8}\ \cancel{1}\ \cancel{3}\ \cancel{0} \\ - 2.758 \\ \hline 5.372 \end{array}$$



Rewrite the problem to line up the decimal points. Solve.

1.  $9.8 - 2.6$

$$7.2$$

2.  $12.75 - 7.4$

$$\begin{array}{r} 12.75 \\ - 7.4 \\ \hline 5.35 \end{array}$$

3.  $86.3 - 19.01$

$$\begin{array}{r} 86.30 \\ - 19.01 \\ \hline 67.29 \end{array}$$

4.  $8.6 - 3.7$

$$\begin{array}{r} 8.6 \\ - 3.7 \\ \hline 4.9 \end{array}$$

5.  $0.155 - 0.09$

$$\begin{array}{r} 0.155 \\ - 0.090 \\ \hline 0.065 \end{array}$$

6.  $5 - 4.68$

$$\begin{array}{r} 5.00 \\ - 4.68 \\ \hline 0.32 \end{array}$$

7.  $19.71 - 5.86$

$$\begin{array}{r} 19.71 \\ - 5.86 \\ \hline 13.85 \end{array}$$

8.  $6.74 - 2.695$

$$\begin{array}{r} 6.740 \\ - 2.695 \\ \hline 4.045 \end{array}$$

9.  $23.42 - 8.75$

$$\begin{array}{r} 23.42 \\ - 8.75 \\ \hline 14.67 \end{array}$$

10.  $3.92 - 1.886$

$$\begin{array}{r} 3.920 \\ - 1.886 \\ \hline 2.034 \end{array}$$

11.  $15.95 - 9.099$

$$\begin{array}{r} 15.950 \\ - 9.099 \\ \hline 6.851 \end{array}$$

12.  $33 - 16.64$

$$\begin{array}{r} 33.00 \\ - 16.64 \\ \hline 16.36 \end{array}$$

# Subtracting Decimals

Place the decimal point in the difference.

1.  $7.46 - 2.84 = 4.62$     2.  $17.17 - 5.7 = 11.47$     3.  $29.009 - 0.25 = 28.759$

Find the difference.

4.  $9.8 - 3.95 = \underline{5.85}$     5.  $39.32 - 12.6 = \underline{26.72}$     6.  $239.8 - 73.91 = \underline{165.89}$
7.  $96.111 - 7.02 = \underline{89.091}$     8.  $1.009 - 0.83 = \underline{.179}$     9.  $5.53 - 4.888 = \underline{.642}$
10.  $7.27 - 3.621 = \underline{3.649}$     11.  $15.13 - 5.2 = \underline{9.93}$     12.  $17.3 - 2.519 = \underline{14.781}$
13.  $26 - 12.274 = \underline{13.726}$     14.  $6.036 - 4.71 = \underline{1.326}$     15.  $0.38 - 0.175 = \underline{.205}$
16.  $89.5 - 30.48 = \underline{59.02}$     17.  $98 - 6.432 = \underline{91.568}$     18.  $100.8 - 92.44 = \underline{8.36}$
19.  $\begin{array}{r} 20.220 \\ - 2.555 \\ \hline 17.665 \end{array}$     20.  $\begin{array}{r} 3.30 \\ - 0.99 \\ \hline 2.31 \end{array}$     21.  $\begin{array}{r} 83.800 \\ - 0.765 \\ \hline 83.035 \end{array}$     22.  $\begin{array}{r} 678.36 \\ - 9.05 \\ \hline 669.31 \end{array}$     23.  $\begin{array}{r} 578.32 \\ - 17.69 \\ \hline 560.63 \end{array}$     24.  $\begin{array}{r} 57.030 \\ - .0041 \\ \hline 57.0259 \end{array}$

## Mixed Applications

25. Martin ran a race in 38.65 seconds. Herb finished 1.8 seconds before Martin. How long did it take Herb to run the race?  
 $\underline{38.65 - 1.8 = 36.85 \text{ seconds}}$
26. Luisa has 5 yards of ribbon. She uses 2.25 yards on a dress and 1.6 yards on a blouse. How much ribbon does she have left?  
 $\underline{5 - 2.25 - 1.6 = 1.15 \text{ yards left}}$
27. The LeMans 24-hour auto race covers 3,107.93 miles. Round the distance to the nearest 100 miles.  
 $\underline{3,100 \text{ miles}}$
28. In 1906 the record speed for a car was 127.659 mph. In 1926 the record speed was 170.624 mph. About how much faster was the 1926 speed?  
 $\underline{170.624 - 127.659 = 42.97}$

### NUMBER SENSE

29. Look at the problems  $10.6 - 8.9$  and  $106 - 89$ . How are they similar? Which problem has a greater difference?
- \_\_\_\_\_



Name \_\_\_\_\_

Date \_\_\_\_\_

Hour \_\_\_\_\_

Brain Dump - Before beginning write everything you know about subtracting decimals.

### Decimal Subtraction

Show your work on looseleaf.

1.  $0.891 - 0.663 = \underline{.228}$

2.  $5.71 - 0.126 = \underline{5.584}$

3.  $1.34 - 0.623 = \underline{.717}$

4.  $18.3 - 0.462 = \underline{17.838}$

5.  $70.4 - 0.807 = \underline{69.593}$

6.  $14 - 0.677 = \underline{13.323}$

7.  $9.47 - 0.467 = \underline{9.003}$

8.  $9.58 - 0.543 = \underline{9.037}$

9.  $3.94 - 0.169 = \underline{3.771}$

10.  $4.04 - 0.657 = \underline{3.383}$

11.  $72.7 - 0.446 = \underline{72.254}$

12.  $0.673 - 0.303 = \underline{.37}$

13.  $81.6 - 0.925 = \underline{80.675}$

14.  $6.036 - 4.71 = \underline{1.326}$

15.  $0.38 - 0.175 = \underline{.205}$

16.  $89.5 - 30.48 = \underline{59.02}$

17.  $98 - 6.432 = \underline{91.568}$

18.  $100.8 - 92.44 = \underline{8.36}$

19.  $20 - 2.555 = \underline{17.445}$

20.  $4.3 - 0.99 = \underline{3.31}$

YOU MUST SHOW ALL OF YOUR WORK!!!

Name \_\_\_\_\_

Date \_\_\_\_\_

Hour \_\_\_\_\_

### Decimal Addition and Subtraction

1.  $7.46 - 2.84 = \underline{4.62}$

2.  $17.17 - 5.7 = \underline{11.47}$

3.  $29.009 - 0.25 = \underline{28.759}$

4.  $9.8 - 3.95 = \underline{5.85}$

5.  $39.32 - 12.6 = \underline{26.72}$

6.  $239.8 - 73.91 = \underline{165.89}$

7.  $96.111 - 7.02 = \underline{89.091}$

8.  $1.009 - 0.83 = \underline{.179}$

9.  $5.53 - 4.888 = \underline{.642}$

10.  $7.27 - 3.621 = \underline{3.649}$

11.  $15.13 - 5.2 = \underline{9.93}$

12.  $17.3 - 2.519 = \underline{14.781}$

13.  $26 - 12.274 = \underline{13.726}$

14.  $6.036 - 4.71 = \underline{1.326}$

15.  $0.38 - 0.175 = \underline{.205}$

16.  $89.5 - 30.48 = \underline{59.02}$

17.  $98 - 6.432 = \underline{91.568}$

18.  $100.8 - 92.44 = \underline{8.36}$

19.  $20 - 2.555 = \underline{17.445}$

20.  $4.3 - 0.99 = \underline{3.31}$

21.  $3.7 + 0.6 = \underline{4.3}$

22.  $7.7 + 35.26 = \underline{42.96}$

23.  $78.042 + 27.680 = \underline{105.722}$

24.  $6.7 + 66.590 = \underline{73.29}$

25.  $373.5 + 96.79 = \underline{470.29}$

26.  $207.966 + 3.456 = \underline{211.422}$

27.  $89.7 + 43.480 = \underline{133.18}$

28.  $67.050 + 168.288 = \underline{235.338}$

29.  $99.3 + 2.911 = \underline{102.211}$

30.  $354.4 + 39.43 = \underline{393.83}$

YOU MUST SHOW ALL OF YOUR WORK HERE and on the BACK OF THE PAPER!!!

Name \_\_\_\_\_

Date \_\_\_\_\_

Hour \_\_\_\_\_

### Decimal Addition, Subtraction and Multiplication

1.  $17.3 \times 4 = \underline{69.2}$

2.  $56.2 \times 8.9 = \underline{500.18}$

3.  $26 \times 12.2 = \underline{317.2}$

4.  $6.036 \times 4.71 = \underline{28.42956}$

5.  $4.912 \times 1.795 = \underline{8.81704}$

6.  $8.74 \times 3.6 = \underline{31.464}$

7.  $5.7 \times 4.17 = \underline{23.769}$

8.  $61.5 \times 602.1 = \underline{37,029.15}$

9.  $71.7 \times 0.0324 = \underline{2.32308}$

10.  $13.9 \times 4.02 = \underline{55.878}$

11.  $7.45 - 2.85 = \underline{4.6}$

12.  $16.17 - 5.7 = \underline{10.47}$

13.  $29.008 - 0.35 = \underline{28.658}$

14.  $9.8 - 6.95 = \underline{2.85}$

15.  $1.019 + 0.93 = \underline{1.949}$

16.  $6.53 + 4.888 = \underline{11.418}$

17.  $8.27 + 3.621 = \underline{11.891}$

18.  $14.13 + 5.2 = \underline{19.33}$

19.  $2872 \div 8 = \underline{359}$

20.  $17,670 \div 62 = \underline{285}$

**YOU MUST SHOW ALL OF YOUR WORK HERE and on the BACK OF THE PAPER!!!**