Arithmetic Review

1.2 Adding whole Numbers

EX: 26. $33 + 43 + 12$

$$\begin{array}{r} 33 \\ 43 \\ +12 \\ \hline 88 \end{array}$$

34. $59 + 31 = 90$

$80 + 10 = 90$

$$\begin{array}{r} {\scriptstyle 1} \\ 59 \\ +31 \\ \hline 90 \end{array}$$

40. $5,576 + 649 + 1,922$

$$\begin{array}{r} {\scriptstyle 2\,1\,1} \\ 5576 \\ 649 \\ +1922 \\ \hline 8,147 \end{array}$$

1.3 Subtracting whole Numbers

16. $42 - 31 = 11$

$$\begin{array}{r} 42 \\ -31 \\ \hline 11 \end{array}$$

24. 283 from 9,799

$$\begin{array}{r} 9799 \\ -283 \\ \hline 9,516 \end{array}$$

38.
$$\begin{array}{r} {}^{8}\cancel{9}\,{}^{14}\cancel{5}\,{}^{1}0\,{}^{1}6 \\ -\ 1,729 \\ \hline 37,777 \end{array}$$

1.4 Multiplying Whole Numbers

28. 3 ways to write multiplication:
- $673(10) = 6,730$
- $673 \cdot 10$
- 673×10

26. $323(100) = 32,300$

58.
$$\begin{array}{r} {}^{5}\,{}^{2} \\ 863 \\ \times\ \ 9 \\ \hline 7,767 \end{array}$$

62.
$$\begin{array}{r} {}^{1}\cancel{2} \\ 73 \\ \times\ 59 \\ \hline {}^{1}657 \\ +\ 3650 \\ \hline 4,307 \end{array}$$
add a zero or move over one space

64. $81 \cdot 679 \cdot 0 \cdot 5$

$= 0$

any number times 0 is 0

1.5 Dividing whole Numbers

28. $72 \div 4 = 18$

inside outside

mult ← 18

$4\overline{)72}$

subtract -4 ; bring down 2

32

34. $5\overline{)1,635}$ → 327

-15

13

-10

35

56. $900 \div 10 = 90$

70. $\frac{125,000}{5,000}$ ← division bar

$\frac{125}{5}$

$= 25$

$5\overline{)125}$ → 25

-10

25

Name_____

Math 20 First Day Arithmetic Review *(Perform the calculations **without a calculator**)*

Addition

1. $2 + 7 =$ _____
2. $8 + 5 =$ _____
3. $9 + 7 =$ _____
4. $12 + 9 =$ _____
5. $6 + 8 =$ _____
6. $7 + 13 =$ _____
7. $8 + 7 =$ _____
8. $15 + 6 =$ _____
9. $7 + 5 =$ _____
10. $6 + 12 =$ _____

Subtraction

11. $9 - 3 =$ _____
12. $12 - 8 =$ _____
13. $17 - 9 =$ _____
14. $16 - 8 =$ _____
15. $21 - 5 =$ _____
16. $15 - 6 =$ _____
17. $12 - 7 =$ _____
18. $15 - 9 =$ _____
19. $20 - 6 =$ _____
20. $18 - 7 =$ _____

Multiplication

21. $3 \times 9 =$ _____
22. $8 \times 5 =$ _____
23. $9 \times 6 =$ _____
24. $7 \times 6 =$ _____
25. $6 \times 8 =$ _____
26. $11 \times 4 =$ _____
27. $12 \times 4 =$ _____
28. $4 \times 8 =$ _____
29. $7 \times 4 =$ _____
30. $8 \times 7 =$ _____

Division

31. $48 \div 6 =$ _____
32. $35 \div 5 =$ _____
33. $32 \div 4 =$ _____
34. $63 \div 9 =$ _____
35. $56 \div 8 =$ _____
36. $72 \div 9 =$ _____
37. $24 \div 6 =$ _____
38. $36 \div 9 =$ _____
39. $42 \div 7 =$ _____
40. $54 \div 6 =$ _____

Show your work as you perform these calculations --

41.
$$\begin{array}{r} 1289 \\ +\ 867 \\ \hline \end{array}$$

42.
$$\begin{array}{r} 2513 \\ -\ 1225 \\ \hline \end{array}$$

43.
$$\begin{array}{r} 45 \\ \times\ 38 \\ \hline \end{array}$$

44.
$$\begin{array}{r} 127 \\ \times\ 58 \\ \hline \end{array}$$

45. $4104 \div 9$

46. $1975 \div 7$

Math 20 First Day Arithmetic Review *(Perform the calculations **without a calculator**)*

Addition

1. $2 + 7 =$ 9
2. $8 + 5 =$ 13
3. $9 + 7 =$ 16
4. $12 + 9 =$ 21
5. $6 + 8 =$ 14
6. $7 + 13 =$ 20
7. $8 + 7 =$ 15
8. $15 + 6 =$ 21
9. $7 + 5 =$ 12
10. $6 + 12 =$ 18

Subtraction

11. $9 - 3 =$ 6
12. $12 - 8 =$ 4
13. $17 - 9 =$ 8
14. $16 - 8 =$ 8
15. $21 - 5 =$ 16
16. $15 - 6 =$ 9
17. $12 - 7 =$ 5
18. $15 - 9 =$ 6
19. $20 - 6 =$ 14
20. $18 - 7 =$ 11

Multiplication

21. $3 \times 9 =$ 27
22. $8 \times 5 =$ 40
23. $9 \times 6 =$ 54
24. $7 \times 6 =$ 42
25. $6 \times 8 =$ 48
26. $11 \times 4 =$ 44
27. $12 \times 4 =$ 48
28. $4 \times 8 =$ 32
29. $7 \times 4 =$ 28
30. $8 \times 7 =$ 56

Division

31. $48 \div 6 =$ 8
32. $35 \div 5 =$ 7
33. $32 \div 4 =$ 8
34. $63 \div 9 =$ 7
35. $56 \div 8 =$ 7
36. $72 \div 9 =$ 8
37. $24 \div 6 =$ 4
38. $36 \div 9 =$ 4
39. $42 \div 7 =$ 6
40. $54 \div 6 =$ 9

Perform the calculation:

41.
$$\begin{array}{r} 1289 \\ +\ 867 \\ \hline =2156 \end{array}$$

42.
$$\begin{array}{r} 2513 \\ -\ 1225 \\ \hline =1288 \end{array}$$

43.
$$\begin{array}{r} 45 \\ \times\ 38 \\ \hline =1710 \end{array}$$

44.
$$\begin{array}{r} 127 \\ \times\ 58 \\ \hline =7366 \end{array}$$

45. $4104 \div 9$
$=456$

46. $1975 \div 7$
$=282$ R1