Fill in the blanks in each of the conversion tables.

Hint:
1 Yard = 3 Feet

Feet	Yards
1)	10
2) 6	
3)	6
4)	8
5) 12	

Hint:
1 Centimeter = 10 Millimeters

Millimeters	Centimeters
6) 60	
7)	5
8)	2
9) 90	
10)	8

Hint:
1 Meter = 100 Centimeters

Meters	Centimeters
11) 3	
12) 4	
13)	700
14)	200
15) 5	

Hint:
1 Kilometer = 1000 Meters

Meters	Kilometers
16)	6
17) 2,000	
18) 7,000	
19) 8,000	
20)	5

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

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Name:

Fill in the blanks in each of the conversion tables.

Answers

Hint:
1 Yard = 3 Feet

	Feet	Yards
1)	30	10
2)	6	2
3)	18	6
4)	24	8
5)	12	4

Hint:
1 Centimeter = 10 Millimeters

	Millimeters	Centimeters
6)	60	6
7)	50	5
8)	20	2
9)	90	9
10)	80	8

1. **30**

2. **2**

3. **18**

4. **24**

5. **4**

6. **6**

7. **50**

8. **20**

9. **9**

10. **80**

Hint:
1 Meter = 100 Centimeters

	Meters	Centimeters
11)	3	300
12)	4	400
13)	7	700
14)	2	200
15)	5	500

Hint:
1 Kilometer = 1000 Meters

	Meters	Kilometers
16)	6,000	6
17)	2,000	2
18)	7,000	7
19)	8,000	8
20)	5,000	5

11. **300**

12. **400**

13. **7**

14. **2**

15. **500**

16. **6,000**

17. **2**

18. **7**

19. **8**

20. **5,000**

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0
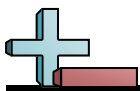
Fill in the blank to make the conversion true.

1) 5 feet =_____inches

2) 4 feet =_____inches

3) 9 feet =_____inches

4) 10 feet =_____inches

5) 1 foot =_____inches

6) 9 yards =_____feet

7) 7 yards =_____feet

8) 10 yards =_____feet

9) 1 yard =_____feet

10) 2 yards =_____feet

11) _____feet = 8 yards

12) _____feet = 3 yards

13) _____feet = 5 yards

14) _____feet = 4 yards

15) _____feet = 6 yards

16) _____inches = 3 feet

17) _____inches = 2 feet

18) _____inches = 8 feet

19) _____inches = 7 feet

20) _____inches = 6 feet

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Name: **Answer Key**

Answers

Fill in the blank to make the conversion true.

1) 5 feet = __60__ inches

2) 4 feet = __48__ inches

3) 9 feet = __108__ inches

4) 10 feet = __120__ inches

5) 1 foot = __12__ inches

6) 9 yards = __27__ feet

7) 7 yards = __21__ feet

8) 10 yards = __30__ feet

9) 1 yard = __3__ feet

10) 2 yards = __6__ feet

11) __24__ feet = 8 yards

12) __9__ feet = 3 yards

13) __15__ feet = 5 yards

14) __12__ feet = 4 yards

15) __18__ feet = 6 yards

16) __36__ inches = 3 feet

17) __24__ inches = 2 feet

18) __96__ inches = 8 feet

19) __84__ inches = 7 feet

20) __72__ inches = 6 feet

1. __**60**__

2. __**48**__

3. __**108**__

4. __**120**__

5. __**12**__

6. __**27**__

7. __**21**__

8. __**30**__

9. __**3**__

10. __**6**__

11. __**24**__

12. __**9**__

13. __**15**__

14. __**12**__

15. __**18**__

16. __**36**__

17. __**24**__

18. __**96**__

19. __**84**__

20. __**72**__

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1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Solve each problem.

1) For each kilogram there are 1,000 grams. This can be expressed using the equation $y \times 1{,}000 = Z$, where y is equal to the number of kilogram and Z is equal to the total number of grams. Using this equation find the total grams in 10 kilograms.

2) Every kilometer is 1,000 meters. This can be expressed using the equation $y \times 1{,}000 = Z$, where y is equal to the number of kilometers and Z is equal to the total number of meters. Using this equation find the total meters in 7 kilometers.

3) Every quart is 2 pints. This can be expressed using the equation $y \times 2 = Z$, where y is equal to the number of quarts and Z is equal to the total number of pints. Using this equation find the total pints in 6 quarts.

4) Every liter is 1,000 milliliters. This can be expressed using the equation $y \times 1{,}000 = Z$, where y is equal to the number of liters and Z is equal to the total number of milliliters. Using this equation find the total milliliters in 6 liters.

5) Every dollar is 100 pennies. This can be expressed using the equation $y \times 100 = Z$, where y is equal to the number of dollars and Z is equal to the total number of pennies. Using this equation find the total pennies in 3 dollars.

6) Every dollar is 4 quarters. This can be expressed using the equation $y \times 4 = Z$, where y is equal to the number of dollars and Z is equal to the total number of quarters. Using this equation find the total quarters in 4 dollars.

7) Every foot is 12 inches. This can be expressed using the equation $y \times 12 = Z$, where y is equal to the number of feet and Z is equal to the total number of inches. Using this equation find the total inches in 10 feet.

8) Every gallon is 4 quarts. This can be expressed using the equation $y \times 4 = Z$, where y is equal to the number of gallons and Z is equal to the total number of quarts. Using this equation find the total quarts in 4 gallons.

9) Every yard is 3 feet. This can be expressed using the equation $y \times 3 = Z$, where y is equal to the number of yards and Z is equal to the total number of feet. Using this equation find the total feet in 10 yards.

10) For each pound there are 16 ounces. This can be expressed using the equation $y \times 16 = Z$, where y is equal to the number of pounds and Z is equal to the total number of ounces. Using this equation find the total ounces in 5 pounds.

11) Every pint is 2 cups. This can be expressed using the equation $y \times 2 = Z$, where y is equal to the number of pints and Z is equal to the total number of cups. Using this equation find the total cups in 6 pints.

12) Every meter is 100 centimeters. This can be expressed using the equation $y \times 100 = Z$, where y is equal to the number of meters and Z is equal to the total number of centimeters. Using this equation find the total centimeters in 7 meters.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Solve each problem.

Answers

1) For each kilogram there are 1,000 grams. This can be expressed using the equation y × 1,000 = Z, where y is equal to the number of kilogram and Z is equal to the total number of grams. Using this equation find the total grams in 10 kilograms.

1. **10,000**

2) Every kilometer is 1,000 meters. This can be expressed using the equation y × 1,000 = Z, where y is equal to the number of kilometers and Z is equal to the total number of meters. Using this equation find the total meters in 7 kilometers.

2. **7,000**

3) Every quart is 2 pints. This can be expressed using the equation y × 2 = Z, where y is equal to the number of quarts and Z is equal to the total number of pints. Using this equation find the total pints in 6 quarts.

3. **12**

4) Every liter is 1,000 milliliters. This can be expressed using the equation y × 1,000 = Z, where y is equal to the number of liters and Z is equal to the total number of milliliters. Using this equation find the total milliliters in 6 liters.

4. **6,000**

5) Every dollar is 100 pennies. This can be expressed using the equation y × 100 = Z, where y is equal to the number of dollars and Z is equal to the total number of pennies. Using this equation find the total pennies in 3 dollars.

5. **300**

6. **16**

6) Every dollar is 4 quarters. This can be expressed using the equation y × 4 = Z, where y is equal to the number of dollars and Z is equal to the total number of quarters. Using this equation find the total quarters in 4 dollars.

7. **120**

7) Every foot is 12 inches. This can be expressed using the equation y × 12 = Z, where y is equal to the number of feet and Z is equal to the total number of inches. Using this equation find the total inches in 10 feet.

8. **16**

8) Every gallon is 4 quarts. This can be expressed using the equation y × 4 = Z, where y is equal to the number of gallons and Z is equal to the total number of quarts. Using this equation find the total quarts in 4 gallons.

9. **30**

10. **80**

9) Every yard is 3 feet. This can be expressed using the equation y × 3 = Z, where y is equal to the number of yards and Z is equal to the total number of feet. Using this equation find the total feet in 10 yards.

11. **12**

10) For each pound there are 16 ounces. This can be expressed using the equation y × 16 = Z, where y is equal to the number of pounds and Z is equal to the total number of ounces. Using this equation find the total ounces in 5 pounds.

12. **700**

11) Every pint is 2 cups. This can be expressed using the equation y × 2 = Z, where y is equal to the number of pints and Z is equal to the total number of cups. Using this equation find the total cups in 6 pints.

12) Every meter is 100 centimeters. This can be expressed using the equation y × 100 = Z, where y is equal to the number of meters and Z is equal to the total number of centimeters. Using this equation find the total centimeters in 7 meters.

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								