
MONEY

	Cents	Dollars (Currency Format)	Fraction of a Dollar	Percent of a Dollar
1.	75¢	\$0.75	3/4	75%
2.	50¢			
3.			1/4	
4.				100%
5.		\$0.10		
6.	20¢			
7.		\$0.30		
8.			2/5	
9.				60%
10.	70¢			
11.		\$0.80		
12.			9/10	
13.				5%
14.	15¢			
15.		\$0.35		
16.			13/20	
17.				95%
18.	22¢			
19.		\$0.48		
20.			99/100	
21.			41/50	
22.			1/50	
23.			51/100	
24.			19/50	
25.			13/25	

❑ ***SMALLER THAN A PENNY?***

You know what quarters (\$0.25), dimes (\$0.10), nickels (\$0.05), and pennies (\$0.01) are. But did you know there's a name for *one-tenth* of a penny? The coin does not physically exist, but one-tenth of a penny is called a ***mil***. Thus, there are 10 mils in a penny, and 1,000 mils in a dollar. One mil can be written in words, in cents notation, and in currency notation,

$$1 \text{ mil} = 0.1\text{¢} = \$0.001$$

Notice that the **1** in the currency format (with the dollar sign) is one digit to the right of the pennies place. Here's another example:

$$7 \text{ mils} = 0.7\text{¢} = \$0.007$$



1 mil = 1/10
of a penny

You might find a notice on a gas pump that reads, "Price rounded to the nearest **mil**."

Homework

Convert each money amount to *currency format*:

26. $\frac{1}{2}$ dollar

27. $\frac{3}{4}$ dollar

28. $\frac{7}{10}$ dollar

29. $\frac{4}{5}$ dollar

30. $\frac{3}{20}$ dollar

31. $\frac{7}{25}$ dollar

32. $\frac{77}{100}$ dollar

33. $\frac{23}{50}$ dollar

34. $\frac{86}{200}$ dollar

35. 50 cents

36. 25 cents

37. 9 cents

38. 1 cent

39. 37 pennies

40. 16 nickels

41. 7 dimes

42. 3 quarters

43. 145 pennies

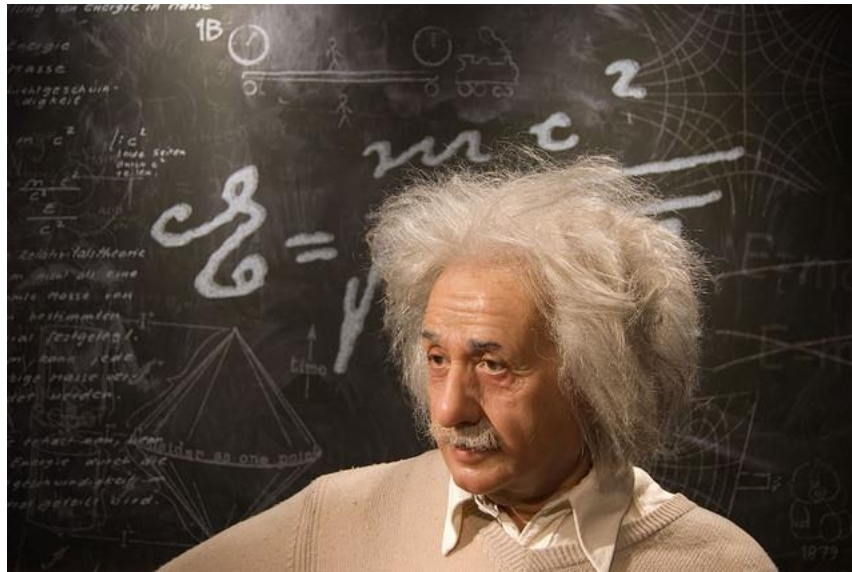
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|-----------------------------|-----------------------------|------------------------------|
| 44. 44 nickels | 45. 137 dimes | 46. 37 quarters |
| 47. 0.3 dollar | 48. 2.7 dollars | 49. 7 dollars |
| 50. $2\frac{3}{4}$ dollars | 51. $5\frac{1}{20}$ dollars | 52. $7\frac{24}{25}$ dollars |
| 53. $14\frac{3}{5}$ dollars | 54. $1\frac{3}{10}$ dollars | 55. $7\frac{17}{20}$ dollars |
| 56. 2¢ | 57. 72¢ | 58. 7¢ |
| 59. 2.3 cents | 60. 14.7 cents | 61. 33.4¢ |
| 62. 3.47 cents | 63. 14.09 cents | 64. 9.33¢ |
| 65. 0.3¢ | 66. 0.7¢ | 67. 0.9¢ |
| 68. 0.99¢ | 69. 0.49¢ | 70. 0.75¢ |
| 71. 50¢ | 72. 0.07¢ | 73. 0.25¢ |
| 74. 5¢ | 75. 0.5¢ | 76. 0.05¢ |
| 77. 8¢ | 78. 0.8¢ | 79. 0.08¢ |
| 80. 1¢ | 81. 0.1¢ | 82. 0.01¢ |
| 83. 3 dollars | 84. 0.4 dollar | 85. 0.3¢ |



Solutions

	Cents	Dollars	Fraction of a Dollar	Percent of a Dollar
1.	75¢	\$0.75	$\frac{3}{4}$	75%
2.	50¢	\$0.50	$\frac{1}{2}$	50%
3.	25¢	\$0.25	$\frac{1}{4}$	25%
4.	100¢	\$1.00	1	100%
5.	10¢	\$0.10	$\frac{1}{10}$	10%
6.	20¢	\$0.20	$\frac{1}{5}$	20%
7.	30¢	\$0.30	$\frac{3}{10}$	30%
8.	40¢	\$0.40	$\frac{2}{5}$	40%
9.	60¢	\$0.60	$\frac{3}{5}$	60%
10.	70¢	\$0.70	$\frac{7}{10}$	70%
11.	80¢	\$0.80	$\frac{4}{5}$	80%
12.	90¢	\$0.90	$\frac{9}{10}$	90%
13.	5¢	\$0.05	$\frac{1}{20}$	5%
14.	15¢	\$0.15	$\frac{3}{20}$	15%
15.	35¢	\$0.35	$\frac{7}{20}$	35%
16.	65¢	\$0.65	$\frac{13}{20}$	65%
17.	95¢	\$0.95	$\frac{19}{20}$	95%
18.	22¢	\$0.22	$\frac{11}{50}$	22%
19.	48¢	\$0.48	$\frac{12}{25}$	48%
20.	99¢	\$0.99	$\frac{99}{100}$	99%
21.	82¢	\$0.82	$\frac{41}{50}$	82%
22.	2¢	\$0.02	$\frac{1}{50}$	2%
23.	51¢	\$0.51	$\frac{51}{100}$	51%
24.	38¢	\$0.38	$\frac{19}{50}$	38%
25.	52¢	\$0.52	$\frac{13}{25}$	52%

26. \$0.50	27. \$0.75	28. \$0.70	29. \$0.80
30. \$0.15	31. \$0.28	32. \$0.77	33. \$0.46
34. \$0.43	35. \$0.50	36. \$0.25	37. \$0.09
38. \$0.01	39. \$0.37	40. \$0.80	41. \$0.70
42. \$0.75	43. \$1.45	44. \$2.20	45. \$13.70
46. \$9.25	47. \$0.30	48. \$2.70	49. \$7.00
50. \$2.75	51. \$5.05	52. \$7.96	53. \$14.60
54. \$1.30	55. \$7.85	56. \$0.02	57. \$0.72
58. \$0.07	59. \$0.023	60. \$0.147	61. \$0.334
62. \$0.0347	63. \$0.1409	64. \$0.0933	65. \$0.003
66. \$0.007	67. \$0.009	68. \$0.0099	69. \$0.0049
70. \$0.0075	71. \$0.50	72. \$0.0007	73. \$0.0025
74. \$0.05	75. \$0.005	76. \$0.0005	77. \$0.08
78. \$0.008	79. \$0.0008	80. \$0.01	81. \$0.001
82. \$0.0001	83. \$3.00	84. \$0.40	85. \$0.003



“I think and think for months and years. Ninety-nine times, the conclusion is false. The hundredth time I am right.”

Albert Einstein