

Do the estimation by rounding each dividend to the closest whole number that is divisible by the divisor.

42 $49.82 \div 5$ **Estimate** : _____ = _____

43 $53.84 \div 7$ **Estimate** : _____ = _____

44 $46.23 \div 9$ **Estimate** : _____ = _____



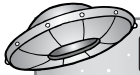
Quick Tip

Estimate the quotient of $32.9 \div 5$. Round 32.9 to 35 (the closest whole number divisible by 5).

$35 \div 5 = 7$

The quotient of $32.9 \div 5$ is about 7.

Do the calculation mentally.



Examples

① $38.47 \times 10 = 384.7$
 $38.47 \times 100 = 3847.0$

When multiplied by 10 or 100, move the decimal point 1 or 2 places to the right.

② $38.4 \div 10 = 3.84$
 $38.4 \div 100 = 0.384$

When divided by 10 or 100, move the decimal point 1 or 2 places to the left.

③ 1.6×30
 $= 1.6 \times 3 \times 10$
 $= 4.8 \times 10$
 $= 48$

45 $9.83 \times 100 =$ _____

46 $12.93 \times 10 =$ _____

47 $45.2 \div 10 =$ _____

48 $12.84 \div 10 =$ _____

49 $91.23 \times 10 =$ _____

50 $16.3 \div 100 =$ _____

51 $0.8 \times 100 =$ _____

52 $0.8 \div 10 =$ _____

53 $1.2 \div 10 =$ _____

54 $0.3 \times 40 =$ _____

55 $2.4 \times 30 =$ _____

56 $100 \times 9.91 =$ _____

57 $2.4 \times 20 =$ _____

58 $3.17 \times 20 =$ _____

59 $1.2 \times 400 =$ _____

60 $5.5 \times 40 =$ _____

61 $3.09 \times 50 =$ _____

62 $0.54 \times 800 =$ _____

In each problem, put a decimal point in the right place of the shaded number to get the given answer. Add zeros if necessary.

63 $568 \times 10 = 56.8$

64 $38 \div 10 = 0.38$






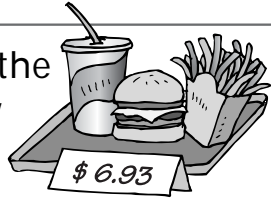


65 $21 \times 100 = 210$

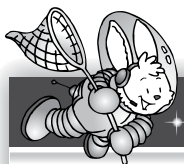
66 $123 \times 10 = 123$

67 $72 \times 10 = 7.2$

68 $520 \div 100 = 0.52$

Kim and Karen go shopping. Help them solve the problems. Show your work.

| | |
|---|--|
| <p>69 Kim pays for a blouse with a \$100 bill. How much change does she get?</p>  <p>_____ = _____ She gets \$ _____ change.</p> | <p>70 Kim also pays for a pair of sandals with three \$20 bills. How much change does she get?</p>  |
| <p>71 How much does Kim pay altogether for the blouse and sandals?</p>  | <p>72 Karen buys 3 computer games. How much does she pay altogether?</p>  |
| <p>73 How much does each pair of socks cost?</p>  | <p>74 They each order the same lunch. How much do they pay altogether?</p>  |
| <p>75 Each sweater costs \$42.50. Karen buys 4 sweaters. How much does she pay?</p>  | <p>76 They share the cost of a teddy bear for Jane. How much does each one pay?</p>  |



MIND BOGGLER

Kim and Karen buy a gift for Darren. Kim pays \$10 more than Karen. How much does each pay?

Kim pays \$ _____ and Karen pays \$ _____ .

