

Mental Math Percents – Discounts and Tipping

Name Solutions

Calculate the sale prices without using a calculator by first finding 10% of the original price.

Item	<u>10% off</u>	Discount	Sale Price
\$30 shirt 10% off	\$3	\$3	\$27
<u>\$120</u> food processor <u>20% off</u>	\$12	\$24	120 - 24 \$96
\$65 jeans 15% off	\$6.50	6.50 + 3.25 \$9.75	65 - 9.75 \$55.25 ≈ \$55
\$19 skirt 30% off	1.90	1.90 × 3 = \$5.70	19 - 5.70 = \$13.30
\$80 blender 35% off	8	35% 8 + 8 + 8 + 4 \$28	80 - 28 = \$52

Calculate a 15% tip and a 20% tip for each restaurant bill without using a calculator by first finding 10%.

Restaurant Bill	10% tip	15% tip	20% tip
\$20	\$2	\$3	\$4
\$60	\$6	6 + 3 = \$9	\$12
\$45	\$4.50	4.50 + 2.25 \$6.75	\$9.00
\$16.80	\$1.68	1.68 + 0.84 \$2.52	\$3.36
\$84.21	\$8.42	8.40 + 4.20 \$12.60	\$16.80

8.40 + estimate