



## Percent change in a growing number (10% multiples) - Concept Intro

**1** If paying \$22 for a \$20 meal is a 10% tip, what tip percent would paying \$30 be?

Meal...\$20	Meal...\$20
Tip(10%)...\$2	Tip(?)...\$-
Total...\$22	Total...\$30

A	B	C	D	E	F
30%	80%	60%	40%	90%	50%

**2** If paying \$55 for a \$50 meal is a 10% tip, what tip percent would paying \$95 be?

Meal...\$50	Meal...\$50
Tip(10%)...\$5	Tip(?)...\$-
Total...\$55	Total...\$95

A	B	C	D	E	F
90%	120%	70%	80%	130%	114%

**3** If paying \$11 for a \$10 meal is a 10% tip, what tip percent would paying \$14 be?

Meal...\$10	Meal...\$10
Tip(10%)...\$1	Tip(?)...\$-
Total...\$11	Total...\$14

A	B	C	D	E	F
40%	85%	20%	50%	37%	64%

**4** If paying \$77 for a \$70 meal is a 10% tip, what tip percent would paying \$105 be?

Meal...\$70	Meal...\$70
Tip(10%)...\$7	Tip(?)...\$-
Total...\$77	Total...\$105

A	B	C	D	E	F
20%	68%	50%	80%	65%	30%

**5** If paying \$33 for a \$30 meal is a 10% tip, what tip percent would paying \$57 be?

Meal...\$30	Meal...\$30
Tip(10%)...\$3	Tip(?)...\$-
Total...\$33	Total...\$57

A	B	C	D	E	F
90%	80%	70%	100%	87%	130%

**6** If paying \$44 for a \$40 meal is a 10% tip, what tip percent would paying \$56 be?

Meal...\$40	Meal...\$40
Tip(10%)...\$4	Tip(?)...\$-
Total...\$44	Total...\$56

A	B	C	D	E	F
10%	30%	80%	60%	13%	40%

**7** If paying \$77 for a \$70 meal is a 10% tip, what tip percent would paying \$98 be?

Meal...\$70	Meal...\$70
Tip(10%)...\$7	Tip(?)...\$-
Total...\$77	Total...\$98

A	B	C	D	E	F
49%	30%	70%	60%	76%	40%

**8** If paying \$55 for a \$50 meal is a 10% tip, what tip percent would paying \$70 be?

Meal...\$50	Meal...\$50
Tip(10%)...\$5	Tip(?)...\$-
Total...\$55	Total...\$70

A	B	C	D	E	F
79%	40%	60%	80%	30%	10%