



Math worksheet on 'Percent change in a shrinking number (10% multiples) - Concept Intro (Level 2)'.  
Part of a broader unit on 'Percentages - Intro'

Learn online: [app.mobius.academy/math/units/percentages\\_intro/](http://app.mobius.academy/math/units/percentages_intro/)

1

What percent did the number change by?

10% of 90 is 9

What is the % change if 90 shrinks to 0

<b>a</b>	-100%	<b>b</b>	-76%
<b>c</b>	-130%	<b>d</b>	-88%
<b>e</b>	-91%	<b>f</b>	-110%

2

What percent did the number change by?

10% of 20 is 2

What is the % change if 20 shrinks to 8

<b>a</b>	-30%	<b>b</b>	-40%
<b>c</b>	-90%	<b>d</b>	-60%
<b>e</b>	-80%	<b>f</b>	-20%

3

What percent did the number change by?

10% of 50 is 5

What is the % change if 50 shrinks to 30

<b>a</b>	-13%	<b>b</b>	0%
<b>c</b>	-70%	<b>d</b>	-20%
<b>e</b>	-40%	<b>f</b>	-60%

4

What percent did the number change by?

10% of 90 is 9

What is the % change if 90 shrinks to 9

<b>a</b>	-70%	<b>b</b>	-90%
<b>c</b>	-80%	<b>d</b>	-110%
<b>e</b>	-120%	<b>f</b>	-117%

5

What percent did the number change by?

10% of 100 is 10

What is the % change if 100 shrinks to 30

<b>a</b>	-90%	<b>b</b>	-80%
<b>c</b>	-37%	<b>d</b>	-70%
<b>e</b>	-97%	<b>f</b>	-60%

6

What percent did the number change by?

10% of 20 is 2

What is the % change if 20 shrinks to 4

<b>a</b>	-50%	<b>b</b>	-100%
<b>c</b>	-80%	<b>d</b>	-101%
<b>e</b>	-107%	<b>f</b>	-68%

7

What percent did the number change by?

10% of 30 is 3

What is the % change if 30 shrinks to 18

<b>a</b>	-60%	<b>b</b>	-70%
<b>c</b>	-49%	<b>d</b>	-7%
<b>e</b>	-40%	<b>f</b>	-50%