





Percentage Increase/Decrease (A)



Name: _____



Date: _____



Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	968	→	1210	 	



2.	180	→	270	 	



3.	624	→	156	 	



4.	202	→	101	 	



5.	140	→	245	 	

6.	508	→	127	 	

7.	124	→	155	 	

8.	904	→	226	 	

9.	692	→	1038	 	

10.	232	→	58	 	

Percentage Increase/Decrease (A) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	968	→	1210		$\frac{1210-968}{968} = 25\%$
2.	180	→	270		$\frac{270-180}{180} = 50\%$
3.	624	→	156		$\frac{156-624}{624} = -75\%$
4.	202	→	101		$\frac{101-202}{202} = -50\%$
5.	140	→	245		$\frac{245-140}{140} = 75\%$
6.	508	→	127		$\frac{127-508}{508} = -75\%$
7.	124	→	155		$\frac{155-124}{124} = 25\%$
8.	904	→	226		$\frac{226-904}{904} = -75\%$
9.	692	→	1038		$\frac{1038-692}{692} = 50\%$
10.	232	→	58		$\frac{58-232}{232} = -75\%$



Percentage Increase/Decrease (B)



Name: _____



Date: _____



Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	908	→	227	 	



2.	432	→	216	 	



3.	184	→	138	 	



4.	996	→	1743	 	



5.	738	→	369	 	

6.	312	→	390	 	

7.	272	→	68	 	

8.	414	→	621	 	

9.	724	→	1267	 	

10.	412	→	515	 	

Percentage Increase/Decrease (B) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	908	→	227	↑ ↓	$\frac{227-908}{908} = -75\%$
2.	432	→	216	↑ ↓	$\frac{216-432}{432} = -50\%$
3.	184	→	138	↑ ↓	$\frac{138-184}{184} = -25\%$
4.	996	→	1743	↑ ↓	$\frac{1743-996}{996} = 75\%$
5.	738	→	369	↑ ↓	$\frac{369-738}{738} = -50\%$
6.	312	→	390	↑ ↓	$\frac{390-312}{312} = 25\%$
7.	272	→	68	↑ ↓	$\frac{68-272}{272} = -75\%$
8.	414	→	621	↑ ↓	$\frac{621-414}{414} = 50\%$
9.	724	→	1267	↑ ↓	$\frac{1267-724}{724} = 75\%$
10.	412	→	515	↑ ↓	$\frac{515-412}{412} = 25\%$



Percentage Increase/Decrease (C)



Name: _____



Date: _____



Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	104	→	182	 	



2.	306	→	459	 	



3.	612	→	459	 	



4.	712	→	890	 	



5.	166	→	83	 	

6.	778	→	1167	 	

7.	816	→	612	 	

8.	696	→	522	 	

9.	640	→	800	 	

10.	280	→	70	 	

Percentage Increase/Decrease (C) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	104	→	182	↑ ↓	$\frac{182-104}{104} = 75\%$
2.	306	→	459	↑ ↓	$\frac{459-306}{306} = 50\%$
3.	612	→	459	↑ ↓	$\frac{459-612}{612} = -25\%$
4.	712	→	890	↑ ↓	$\frac{890-712}{712} = 25\%$
5.	166	→	83	↑ ↓	$\frac{83-166}{166} = -50\%$
6.	778	→	1167	↑ ↓	$\frac{1167-778}{778} = 50\%$
7.	816	→	612	↑ ↓	$\frac{612-816}{816} = -25\%$
8.	696	→	522	↑ ↓	$\frac{522-696}{696} = -25\%$
9.	640	→	800	↑ ↓	$\frac{800-640}{640} = 25\%$
10.	280	→	70	↑ ↓	$\frac{70-280}{280} = -75\%$

Percentage Increase/Decrease (D)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	860	→	1075	 	
2.	712	→	178	 	
3.	834	→	417	 	
4.	440	→	330	 	
5.	176	→	308	 	
6.	208	→	364	 	
7.	792	→	1386	 	
8.	508	→	381	 	
9.	824	→	1030	 	
10.	928	→	696	 	

Percentage Increase/Decrease (D) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	860	→	1075		$\frac{1075-860}{860} = 25\%$
2.	712	→	178		$\frac{178-712}{712} = -75\%$
3.	834	→	417		$\frac{417-834}{834} = -50\%$
4.	440	→	330		$\frac{330-440}{440} = -25\%$
5.	176	→	308		$\frac{308-176}{176} = 75\%$
6.	208	→	364		$\frac{364-208}{208} = 75\%$
7.	792	→	1386		$\frac{1386-792}{792} = 75\%$
8.	508	→	381		$\frac{381-508}{508} = -25\%$
9.	824	→	1030		$\frac{1030-824}{824} = 25\%$
10.	928	→	696		$\frac{696-928}{928} = -25\%$



Percentage Increase/Decrease (E)



Name: _____



Date: _____



Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	432	→	108	 	



2.	764	→	573	 	



3.	422	→	633	 	



4.	456	→	114	 	



5.	850	→	1275	 	

6.	608	→	760	 	

7.	132	→	33	 	

8.	460	→	805	 	

9.	346	→	173	 	

10.	948	→	1185	 	

Percentage Increase/Decrease (E) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	432	→	108	↑ ↓	$\frac{108-432}{432} = -75\%$
2.	764	→	573	↑ ↓	$\frac{573-764}{764} = -25\%$
3.	422	→	633	↑ ↓	$\frac{633-422}{422} = 50\%$
4.	456	→	114	↑ ↓	$\frac{114-456}{456} = -75\%$
5.	850	→	1275	↑ ↓	$\frac{1275-850}{850} = 50\%$
6.	608	→	760	↑ ↓	$\frac{760-608}{608} = 25\%$
7.	132	→	33	↑ ↓	$\frac{33-132}{132} = -75\%$
8.	460	→	805	↑ ↓	$\frac{805-460}{460} = 75\%$
9.	346	→	173	↑ ↓	$\frac{173-346}{346} = -50\%$
10.	948	→	1185	↑ ↓	$\frac{1185-948}{948} = 25\%$

Percentage Increase/Decrease (F)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	326	→	163	 	
2.	420	→	735	 	
3.	952	→	1190	 	
4.	960	→	1440	 	
5.	116	→	29	 	
6.	900	→	225	 	
7.	576	→	720	 	
8.	468	→	234	 	
9.	430	→	215	 	
10.	292	→	365	 	

Percentage Increase/Decrease (F) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	326	→	163	↑ ↓	$\frac{163-326}{326} = -50\%$
2.	420	→	735	↑ ↓	$\frac{735-420}{420} = 75\%$
3.	952	→	1190	↑ ↓	$\frac{1190-952}{952} = 25\%$
4.	960	→	1440	↑ ↓	$\frac{1440-960}{960} = 50\%$
5.	116	→	29	↑ ↓	$\frac{29-116}{116} = -75\%$
6.	900	→	225	↑ ↓	$\frac{225-900}{900} = -75\%$
7.	576	→	720	↑ ↓	$\frac{720-576}{576} = 25\%$
8.	468	→	234	↑ ↓	$\frac{234-468}{468} = -50\%$
9.	430	→	215	↑ ↓	$\frac{215-430}{430} = -50\%$
10.	292	→	365	↑ ↓	$\frac{365-292}{292} = 25\%$

Percentage Increase/Decrease (G)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	848	→	1060	 	
2.	898	→	449	 	
3.	796	→	1393	 	
4.	272	→	68	 	
5.	644	→	805	 	
6.	828	→	207	 	
7.	820	→	205	 	
8.	280	→	210	 	
9.	400	→	700	 	
10.	672	→	840	 	

Percentage Increase/Decrease (G) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	848	→	1060	↑ ↓	$\frac{1060-848}{848} = 25\%$
2.	898	→	449	↑ ↓	$\frac{449-898}{898} = -50\%$
3.	796	→	1393	↑ ↓	$\frac{1393-796}{796} = 75\%$
4.	272	→	68	↑ ↓	$\frac{68-272}{272} = -75\%$
5.	644	→	805	↑ ↓	$\frac{805-644}{644} = 25\%$
6.	828	→	207	↑ ↓	$\frac{207-828}{828} = -75\%$
7.	820	→	205	↑ ↓	$\frac{205-820}{820} = -75\%$
8.	280	→	210	↑ ↓	$\frac{210-280}{280} = -25\%$
9.	400	→	700	↑ ↓	$\frac{700-400}{400} = 75\%$
10.	672	→	840	↑ ↓	$\frac{840-672}{672} = 25\%$

Percentage Increase/Decrease (H)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	464	→	116	 	
2.	776	→	1164	 	
3.	132	→	99	 	
4.	134	→	67	 	
5.	510	→	765	 	
6.	348	→	522	 	
7.	904	→	1130	 	
8.	656	→	492	 	
9.	704	→	528	 	
10.	436	→	763	 	

Percentage Increase/Decrease (H) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	464	→	116	↑ ↓	$\frac{116-464}{464} = -75\%$
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2.	776	→	1164	↑ ↓	$\frac{1164-776}{776} = 50\%$
<hr style="border-top: 1px dashed black;"/>					
3.	132	→	99	↑ ↓	$\frac{99-132}{132} = -25\%$
<hr style="border-top: 1px dashed black;"/>					
4.	134	→	67	↑ ↓	$\frac{67-134}{134} = -50\%$
<hr style="border-top: 1px dashed black;"/>					
5.	510	→	765	↑ ↓	$\frac{765-510}{510} = 50\%$
<hr style="border-top: 1px dashed black;"/>					
6.	348	→	522	↑ ↓	$\frac{522-348}{348} = 50\%$
<hr style="border-top: 1px dashed black;"/>					
7.	904	→	1130	↑ ↓	$\frac{1130-904}{904} = 25\%$
<hr style="border-top: 1px dashed black;"/>					
8.	656	→	492	↑ ↓	$\frac{492-656}{656} = -25\%$
<hr style="border-top: 1px dashed black;"/>					
9.	704	→	528	↑ ↓	$\frac{528-704}{704} = -25\%$
<hr style="border-top: 1px dashed black;"/>					
10.	436	→	763	↑ ↓	$\frac{763-436}{436} = 75\%$



Percentage Increase/Decrease (I)



Name: _____



Date: _____



Calculate the percentage increase or decrease.



	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	662	→	331	 	



2.	940	→	235	 	



3.	140	→	175	 	



4.	424	→	636	 	



5.	728	→	910	 	

6.	756	→	189	 	

7.	620	→	775	 	

8.	780	→	195	 	

9.	652	→	1141	 	

10.	402	→	201	 	

Percentage Increase/Decrease (I) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















	Original Amount	→	New Amount	Increase or Decrease	Percentage Change
1.	662	→	331	↑ ↓	$\frac{331-662}{662} = -50\%$
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2.	940	→	235	↑ ↓	$\frac{235-940}{940} = -75\%$
<hr style="border-top: 1px dashed black;"/>					
3.	140	→	175	↑ ↓	$\frac{175-140}{140} = 25\%$
<hr style="border-top: 1px dashed black;"/>					
4.	424	→	636	↑ ↓	$\frac{636-424}{424} = 50\%$
<hr style="border-top: 1px dashed black;"/>					
5.	728	→	910	↑ ↓	$\frac{910-728}{728} = 25\%$
<hr style="border-top: 1px dashed black;"/>					
6.	756	→	189	↑ ↓	$\frac{189-756}{756} = -75\%$
<hr style="border-top: 1px dashed black;"/>					
7.	620	→	775	↑ ↓	$\frac{775-620}{620} = 25\%$
<hr style="border-top: 1px dashed black;"/>					
8.	780	→	195	↑ ↓	$\frac{195-780}{780} = -75\%$
<hr style="border-top: 1px dashed black;"/>					
9.	652	→	1141	↑ ↓	$\frac{1141-652}{652} = 75\%$
<hr style="border-top: 1px dashed black;"/>					
10.	402	→	201	↑ ↓	$\frac{201-402}{402} = -50\%$

Percentage Increase/Decrease (J)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	272	→	68	 	
2.	568	→	426	 	
3.	902	→	1353	 	
4.	968	→	1452	 	
5.	264	→	132	 	
6.	548	→	959	 	
7.	976	→	732	 	
8.	348	→	609	 	
9.	596	→	894	 	
10.	156	→	39	 	

Percentage Increase/Decrease (J) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	272	→	68	↑ ↓	$\frac{68-272}{272} = -75\%$
2.	568	→	426	↑ ↓	$\frac{426-568}{568} = -25\%$
3.	902	→	1353	↑ ↓	$\frac{1353-902}{902} = 50\%$
4.	968	→	1452	↑ ↓	$\frac{1452-968}{968} = 50\%$
5.	264	→	132	↑ ↓	$\frac{132-264}{264} = -50\%$
6.	548	→	959	↑ ↓	$\frac{959-548}{548} = 75\%$
7.	976	→	732	↑ ↓	$\frac{732-976}{976} = -25\%$
8.	348	→	609	↑ ↓	$\frac{609-348}{348} = 75\%$
9.	596	→	894	↑ ↓	$\frac{894-596}{596} = 50\%$
10.	156	→	39	↑ ↓	$\frac{39-156}{156} = -75\%$