Percentage Increase/Decrease (A)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$8.76	→	$4.38	↑ ↓	
2.	$9.00	→	$3.15	↑ ↓	
3.	$3.40	→	$0.17	↑ ↓	
4.	$5.10	→	$6.63	↑ ↓	
5.	$6.20	→	$7.13	↑ ↓	
6.	$6.04	→	$1.51	↑ ↓	
7.	$7.60	→	$11.78	↑ ↓	
8.	$3.40	→	$4.59	↑ ↓	
9.	$6.32	→	$7.90	↑ ↓	
10.	$9.00	→	$1.35	↑ ↓	

Percentage Increase/Decrease (A) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$8.76	→	$4.38	↑ ↓	$\frac{4.38-8.76}{8.76} = -50\%$
2.	$9.00	→	$3.15	↑ ↓	$\frac{3.15-9}{9} = -65\%$
3.	$3.40	→	$0.17	↑ ↓	$\frac{0.17-3.4}{3.4} = -95\%$
4.	$5.10	→	$6.63	↑ ↓	$\frac{6.63-5.1}{5.1} = 30\%$
5.	$6.20	→	$7.13	↑ ↓	$\frac{7.13-6.2}{6.2} = 15\%$
6.	$6.04	→	$1.51	↑ ↓	$\frac{1.51-6.04}{6.04} = -75\%$
7.	$7.60	→	$11.78	↑ ↓	$\frac{11.78-7.6}{7.6} = 55\%$
8.	$3.40	→	$4.59	↑ ↓	$\frac{4.59-3.4}{3.4} = 35\%$
9.	$6.32	→	$7.90	↑ ↓	$\frac{7.9-6.32}{6.32} = 25\%$
10.	$9.00	→	$1.35	↑ ↓	$\frac{1.35-9}{9} = -85\%$

Percentage Increase/Decrease (B)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$7.60	→	$9.88	↑ ↓	
2.	$3.40	→	$6.63	↑ ↓	
3.	$9.00	→	$8.10	↑ ↓	
4.	$9.88	→	$7.41	↑ ↓	
5.	$5.60	→	$5.88	↑ ↓	
6.	$5.60	→	$0.56	↑ ↓	
7.	$5.80	→	$0.87	↑ ↓	
8.	$6.55	→	$11.79	↑ ↓	
9.	$7.20	→	$10.44	↑ ↓	
10.	$3.00	→	$1.05	↑ ↓	

Percentage Increase/Decrease (B) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$7.60	→	$9.88	↑	$\frac{9.88-7.6}{7.6} = 30\%$
2.	$3.40	→	$6.63	↑	$\frac{6.63-3.4}{3.4} = 95\%$
3.	$9.00	→	$8.10	↓	$\frac{8.1-9}{9} = -10\%$
4.	$9.88	→	$7.41	↓	$\frac{7.41-9.88}{9.88} = -25\%$
5.	$5.60	→	$5.88	↑	$\frac{5.88-5.6}{5.6} = 5\%$
6.	$5.60	→	$0.56	↓	$\frac{0.56-5.6}{5.6} = -90\%$
7.	$5.80	→	$0.87	↓	$\frac{0.87-5.8}{5.8} = -85\%$
8.	$6.55	→	$11.79	↑	$\frac{11.79-6.55}{6.55} = 80\%$
9.	$7.20	→	$10.44	↑	$\frac{10.44-7.2}{7.2} = 45\%$
10.	$3.00	→	$1.05	↓	$\frac{1.05-3}{3} = -65\%$

Percentage Increase/Decrease (C)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$1.00	→	$1.85	↑ ↓	
2.	$4.20	→	$1.47	↑ ↓	
3.	$5.52	→	$8.28	↑ ↓	
4.	$7.20	→	$0.72	↑ ↓	
5.	$1.50	→	$1.35	↑ ↓	
6.	$4.65	→	$7.44	↑ ↓	
7.	$5.20	→	$6.76	↑ ↓	
8.	$6.16	→	$4.62	↑ ↓	
9.	$2.40	→	$2.52	↑ ↓	
10.	$3.20	→	$2.08	↑ ↓	

Percentage Increase/Decrease (C) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$1.00	→	$1.85	↑	$\frac{1.85-1}{1} = 85\%$
2.	$4.20	→	$1.47	↓	$\frac{1.47-4.2}{4.2} = -65\%$
3.	$5.52	→	$8.28	↑	$\frac{8.28-5.52}{5.52} = 50\%$
4.	$7.20	→	$0.72	↓	$\frac{0.72-7.2}{7.2} = -90\%$
5.	$1.50	→	$1.35	↓	$\frac{1.35-1.5}{1.5} = -10\%$
6.	$4.65	→	$7.44	↑	$\frac{7.44-4.65}{4.65} = 60\%$
7.	$5.20	→	$6.76	↑	$\frac{6.76-5.2}{5.2} = 30\%$
8.	$6.16	→	$4.62	↓	$\frac{4.62-6.16}{6.16} = -25\%$
9.	$2.40	→	$2.52	↑	$\frac{2.52-2.4}{2.4} = 5\%$
10.	$3.20	→	$2.08	↓	$\frac{2.08-3.2}{3.2} = -35\%$

Percentage Increase/Decrease (D)

Name: _____ Date: _____

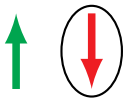
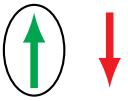
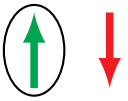
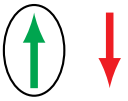
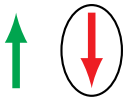
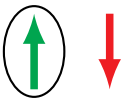
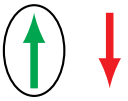
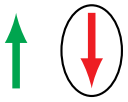
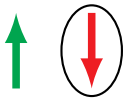
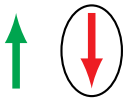
Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$8.00	→	$7.60	↑ ↓	
2.	$7.76	→	$9.70	↑ ↓	
3.	$1.00	→	$1.95	↑ ↓	
4.	$4.80	→	$5.52	↑ ↓	
5.	$1.20	→	$0.36	↑ ↓	
6.	$8.20	→	$11.07	↑ ↓	
7.	$6.60	→	$10.89	↑ ↓	
8.	$4.70	→	$4.23	↑ ↓	
9.	$2.55	→	$0.51	↑ ↓	
10.	$5.20	→	$2.86	↑ ↓	

Percentage Increase/Decrease (D) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$8.00	→	$7.60		$\frac{7.6-8}{8} = -5\%$
2.	$7.76	→	$9.70		$\frac{9.7-7.76}{7.76} = 25\%$
3.	$1.00	→	$1.95		$\frac{1.95-1}{1} = 95\%$
4.	$4.80	→	$5.52		$\frac{5.52-4.8}{4.8} = 15\%$
5.	$1.20	→	$0.36		$\frac{0.36-1.2}{1.2} = -70\%$
6.	$8.20	→	$11.07		$\frac{11.07-8.2}{8.2} = 35\%$
7.	$6.60	→	$10.89		$\frac{10.89-6.6}{6.6} = 65\%$
8.	$4.70	→	$4.23		$\frac{4.23-4.7}{4.7} = -10\%$
9.	$2.55	→	$0.51		$\frac{0.51-2.55}{2.55} = -80\%$
10.	$5.20	→	$2.86		$\frac{2.86-5.2}{5.2} = -45\%$

Percentage Increase/Decrease (E)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$7.40	→	$8.14	↑ ↓	
2.	$5.60	→	$5.88	↑ ↓	
3.	$8.00	→	$2.40	↑ ↓	
4.	$7.40	→	$0.37	↑ ↓	
5.	$2.40	→	$3.96	↑ ↓	
6.	$8.05	→	$3.22	↑ ↓	
7.	$4.82	→	$7.23	↑ ↓	
8.	$5.80	→	$4.93	↑ ↓	
9.	$7.45	→	$13.41	↑ ↓	
10.	$4.60	→	$2.99	↑ ↓	

Percentage Increase/Decrease (E) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$7.40	→	$8.14	↑	$\frac{8.14-7.4}{7.4} = 10\%$
2.	$5.60	→	$5.88	↑	$\frac{5.88-5.6}{5.6} = 5\%$
3.	$8.00	→	$2.40	↓	$\frac{2.4-8}{8} = -70\%$
4.	$7.40	→	$0.37	↓	$\frac{0.37-7.4}{7.4} = -95\%$
5.	$2.40	→	$3.96	↑	$\frac{3.96-2.4}{2.4} = 65\%$
6.	$8.05	→	$3.22	↓	$\frac{3.22-8.05}{8.05} = -60\%$
7.	$4.82	→	$7.23	↑	$\frac{7.23-4.82}{4.82} = 50\%$
8.	$5.80	→	$4.93	↓	$\frac{4.93-5.8}{5.8} = -15\%$
9.	$7.45	→	$13.41	↑	$\frac{13.41-7.45}{7.45} = 80\%$
10.	$4.60	→	$2.99	↓	$\frac{2.99-4.6}{4.6} = -35\%$

Percentage Increase/Decrease (F)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$4.66	→	$2.33	↑ ↓	
2.	$2.40	→	$3.24	↑ ↓	
3.	$7.80	→	$0.39	↑ ↓	
4.	$3.80	→	$7.03	↑ ↓	
5.	$4.80	→	$6.96	↑ ↓	
6.	$8.32	→	$6.24	↑ ↓	
7.	$3.30	→	$4.29	↑ ↓	
8.	$4.80	→	$8.16	↑ ↓	
9.	$9.10	→	$5.46	↑ ↓	
10.	$7.16	→	$1.79	↑ ↓	

Percentage Increase/Decrease (F) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$4.66	→	$2.33	↑ (↓)	$\frac{2.33-4.66}{4.66} = -50\%$
2.	$2.40	→	$3.24	(↑) ↓	$\frac{3.24-2.4}{2.4} = 35\%$
3.	$7.80	→	$0.39	↑ (↓)	$\frac{0.39-7.8}{7.8} = -95\%$
4.	$3.80	→	$7.03	(↑) ↓	$\frac{7.03-3.8}{3.8} = 85\%$
5.	$4.80	→	$6.96	(↑) ↓	$\frac{6.96-4.8}{4.8} = 45\%$
6.	$8.32	→	$6.24	↑ (↓)	$\frac{6.24-8.32}{8.32} = -25\%$
7.	$3.30	→	$4.29	(↑) ↓	$\frac{4.29-3.3}{3.3} = 30\%$
8.	$4.80	→	$8.16	(↑) ↓	$\frac{8.16-4.8}{4.8} = 70\%$
9.	$9.10	→	$5.46	↑ (↓)	$\frac{5.46-9.1}{9.1} = -40\%$
10.	$7.16	→	$1.79	↑ (↓)	$\frac{1.79-7.16}{7.16} = -75\%$

Percentage Increase/Decrease (G)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$1.40	→	$2.38	↑ ↓	
2.	$9.50	→	$7.60	↑ ↓	
3.	$2.80	→	$0.56	↑ ↓	
4.	$9.40	→	$13.63	↑ ↓	
5.	$6.40	→	$10.56	↑ ↓	
6.	$9.76	→	$17.08	↑ ↓	
7.	$7.50	→	$10.50	↑ ↓	
8.	$5.40	→	$3.51	↑ ↓	
9.	$9.40	→	$8.93	↑ ↓	
10.	$2.70	→	$2.43	↑ ↓	

Percentage Increase/Decrease (G) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$1.40	→	$2.38	↑	$\frac{2.38-1.4}{1.4} = 70\%$
2.	$9.50	→	$7.60	↓	$\frac{7.6-9.5}{9.5} = -20\%$
3.	$2.80	→	$0.56	↓	$\frac{0.56-2.8}{2.8} = -80\%$
4.	$9.40	→	$13.63	↑	$\frac{13.63-9.4}{9.4} = 45\%$
5.	$6.40	→	$10.56	↑	$\frac{10.56-6.4}{6.4} = 65\%$
6.	$9.76	→	$17.08	↑	$\frac{17.08-9.76}{9.76} = 75\%$
7.	$7.50	→	$10.50	↑	$\frac{10.5-7.5}{7.5} = 40\%$
8.	$5.40	→	$3.51	↓	$\frac{3.51-5.4}{5.4} = -35\%$
9.	$9.40	→	$8.93	↓	$\frac{8.93-9.4}{9.4} = -5\%$
10.	$2.70	→	$2.43	↓	$\frac{2.43-2.7}{2.7} = -10\%$

Percentage Increase/Decrease (H)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$1.10	→	$1.76	↑ ↓	
2.	$8.60	→	$0.86	↑ ↓	
3.	$7.80	→	$10.53	↑ ↓	
4.	$2.60	→	$3.77	↑ ↓	
5.	$2.20	→	$0.44	↑ ↓	
6.	$9.40	→	$0.47	↑ ↓	
7.	$1.40	→	$1.82	↑ ↓	
8.	$4.00	→	$3.80	↑ ↓	
9.	$3.60	→	$6.12	↑ ↓	
10.	$4.00	→	$1.80	↑ ↓	

Percentage Increase/Decrease (H) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$1.10	→	$1.76	↑	$\frac{1.76-1.1}{1.1} = 60\%$
2.	$8.60	→	$0.86	↓	$\frac{0.86-8.6}{8.6} = -90\%$
3.	$7.80	→	$10.53	↑	$\frac{10.53-7.8}{7.8} = 35\%$
4.	$2.60	→	$3.77	↑	$\frac{3.77-2.6}{2.6} = 45\%$
5.	$2.20	→	$0.44	↓	$\frac{0.44-2.2}{2.2} = -80\%$
6.	$9.40	→	$0.47	↓	$\frac{0.47-9.4}{9.4} = -95\%$
7.	$1.40	→	$1.82	↑	$\frac{1.82-1.4}{1.4} = 30\%$
8.	$4.00	→	$3.80	↓	$\frac{3.8-4}{4} = -5\%$
9.	$3.60	→	$6.12	↑	$\frac{6.12-3.6}{3.6} = 70\%$
10.	$4.00	→	$1.80	↓	$\frac{1.8-4}{4} = -55\%$

Percentage Increase/Decrease (I)

Name: _____ Date: _____

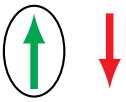
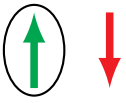
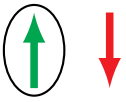
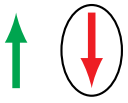
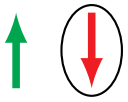
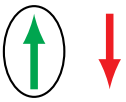
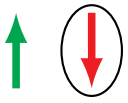
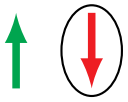
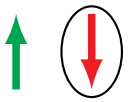
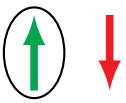
Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$9.20	→	$17.48	↑ ↓	
2.	$5.15	→	$9.27	↑ ↓	
3.	$2.40	→	$2.64	↑ ↓	
4.	$8.88	→	$2.22	↑ ↓	
5.	$1.40	→	$0.21	↑ ↓	
6.	$5.20	→	$8.58	↑ ↓	
7.	$1.90	→	$1.14	↑ ↓	
8.	$8.90	→	$6.23	↑ ↓	
9.	$4.90	→	$1.47	↑ ↓	
10.	$7.20	→	$9.72	↑ ↓	

Percentage Increase/Decrease (I) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$9.20	→	$17.48		$\frac{17.48-9.2}{9.2} = 90\%$
2.	$5.15	→	$9.27		$\frac{9.27-5.15}{5.15} = 80\%$
3.	$2.40	→	$2.64		$\frac{2.64-2.4}{2.4} = 10\%$
4.	$8.88	→	$2.22		$\frac{2.22-8.88}{8.88} = -75\%$
5.	$1.40	→	$0.21		$\frac{0.21-1.4}{1.4} = -85\%$
6.	$5.20	→	$8.58		$\frac{8.58-5.2}{5.2} = 65\%$
7.	$1.90	→	$1.14		$\frac{1.14-1.9}{1.9} = -40\%$
8.	$8.90	→	$6.23		$\frac{6.23-8.9}{8.9} = -30\%$
9.	$4.90	→	$1.47		$\frac{1.47-4.9}{4.9} = -70\%$
10.	$7.20	→	$9.72		$\frac{9.72-7.2}{7.2} = 35\%$

Percentage Increase/Decrease (J)

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$6.20	→	$1.86	↑ ↓	
2.	$9.00	→	$6.30	↑ ↓	
3.	$2.80	→	$2.94	↑ ↓	
4.	$1.80	→	$3.51	↑ ↓	
5.	$6.96	→	$10.44	↑ ↓	
6.	$4.20	→	$6.51	↑ ↓	
7.	$5.00	→	$4.25	↑ ↓	
8.	$2.45	→	$0.49	↑ ↓	
9.	$7.00	→	$12.95	↑ ↓	
10.	$3.80	→	$2.09	↑ ↓	

Percentage Increase/Decrease (J) Answers

Name: _____ Date: _____

Calculate the percentage increase or decrease.

	Original Amount		New Amount	Increase or Decrease	Percentage Change
1.	$6.20	→	$1.86	↑ (↓)	$\frac{1.86-6.2}{6.2} = -70\%$
2.	$9.00	→	$6.30	↑ (↓)	$\frac{6.3-9}{9} = -30\%$
3.	$2.80	→	$2.94	(↑) ↓	$\frac{2.94-2.8}{2.8} = 5\%$
4.	$1.80	→	$3.51	(↑) ↓	$\frac{3.51-1.8}{1.8} = 95\%$
5.	$6.96	→	$10.44	(↑) ↓	$\frac{10.44-6.96}{6.96} = 50\%$
6.	$4.20	→	$6.51	(↑) ↓	$\frac{6.51-4.2}{4.2} = 55\%$
7.	$5.00	→	$4.25	↑ (↓)	$\frac{4.25-5}{5} = -15\%$
8.	$2.45	→	$0.49	↑ (↓)	$\frac{0.49-2.45}{2.45} = -80\%$
9.	$7.00	→	$12.95	(↑) ↓	$\frac{12.95-7}{7} = 85\%$
10.	$3.80	→	$2.09	↑ (↓)	$\frac{2.09-3.8}{3.8} = -45\%$