

















Percentage Increase/Decrease (A)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-------|-----------------|---|------------|---|-------------------|
| 1. | 990 | → | 396 |   | |
| ----- | | | | | |
| 2. | 830 | → | 249 |   | |
| ----- | | | | | |
| 3. | 980 | → | 147 |   | |
| ----- | | | | | |
| 4. | 165 | → | 33 |   | |
| ----- | | | | | |
| 5. | 640 | → | 512 |   | |
| ----- | | | | | |
| 6. | 520 | → | 598 |   | |
| ----- | | | | | |
| 7. | 520 | → | 546 |   | |
| ----- | | | | | |
| 8. | 930 | → | 1023 |   | |
| ----- | | | | | |
| 9. | 940 | → | 1551 |   | |
| ----- | | | | | |
| 10. | 286 | → | 429 |   | |
| ----- | | | | | |

Percentage Increase/Decrease (A) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 990 | → | 396 | ↑ ↓ | $\frac{396-990}{990} = -60\%$ |
| | | | | | |
| 2. | 830 | → | 249 | ↑ ↓ | $\frac{249-830}{830} = -70\%$ |
| | | | | | |
| 3. | 980 | → | 147 | ↑ ↓ | $\frac{147-980}{980} = -85\%$ |
| | | | | | |
| 4. | 165 | → | 33 | ↑ ↓ | $\frac{33-165}{165} = -80\%$ |
| | | | | | |
| 5. | 640 | → | 512 | ↑ ↓ | $\frac{512-640}{640} = -20\%$ |
| | | | | | |
| 6. | 520 | → | 598 | ↑ ↓ | $\frac{598-520}{520} = 15\%$ |
| | | | | | |
| 7. | 520 | → | 546 | ↑ ↓ | $\frac{546-520}{520} = 5\%$ |
| | | | | | |
| 8. | 930 | → | 1023 | ↑ ↓ | $\frac{1023-930}{930} = 10\%$ |
| | | | | | |
| 9. | 940 | → | 1551 | ↑ ↓ | $\frac{1551-940}{940} = 65\%$ |
| | | | | | |
| 10. | 286 | → | 429 | ↑ ↓ | $\frac{429-286}{286} = 50\%$ |

Percentage Increase/Decrease (B)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-------|-----------------|---|------------|---|-------------------|
| 1. | 575 | → | 1035 |   | |
| ----- | | | | | |
| 2. | 320 | → | 288 |   | |
| ----- | | | | | |
| 3. | 260 | → | 338 |   | |
| ----- | | | | | |
| 4. | 740 | → | 111 |   | |
| ----- | | | | | |
| 5. | 152 | → | 228 |   | |
| ----- | | | | | |
| 6. | 500 | → | 400 |   | |
| ----- | | | | | |
| 7. | 320 | → | 128 |   | |
| ----- | | | | | |
| 8. | 660 | → | 561 |   | |
| ----- | | | | | |
| 9. | 980 | → | 1323 |   | |
| ----- | | | | | |
| 10. | 980 | → | 1225 |   | |
| ----- | | | | | |

Percentage Increase/Decrease (B) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 575 | → | 1035 | | $\frac{1035-575}{575} = 80\%$ |
| | | | | | |
| 2. | 320 | → | 288 | | $\frac{288-320}{320} = -10\%$ |
| | | | | | |
| 3. | 260 | → | 338 | | $\frac{338-260}{260} = 30\%$ |
| | | | | | |
| 4. | 740 | → | 111 | | $\frac{111-740}{740} = -85\%$ |
| | | | | | |
| 5. | 152 | → | 228 | | $\frac{228-152}{152} = 50\%$ |
| | | | | | |
| 6. | 500 | → | 400 | | $\frac{400-500}{500} = -20\%$ |
| | | | | | |
| 7. | 320 | → | 128 | | $\frac{128-320}{320} = -60\%$ |
| | | | | | |
| 8. | 660 | → | 561 | | $\frac{561-660}{660} = -15\%$ |
| | | | | | |
| 9. | 980 | → | 1323 | | $\frac{1323-980}{980} = 35\%$ |
| | | | | | |
| 10. | 980 | → | 1225 | | $\frac{1225-980}{980} = 25\%$ |
| | | | | | |

Percentage Increase/Decrease (C)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|---|-------------------|
| 1. | 760 | → | 646 |   | |
| 2. | 500 | → | 850 |   | |
| 3. | 515 | → | 618 |   | |
| 4. | 560 | → | 588 |   | |
| 5. | 710 | → | 1278 |   | |
| 6. | 220 | → | 99 |   | |
| 7. | 750 | → | 1050 |   | |
| 8. | 580 | → | 406 |   | |
| 9. | 480 | → | 264 |   | |
| 10. | 690 | → | 621 |   | |

Percentage Increase/Decrease (C) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 760 | → | 646 | ↑ ↓ | $\frac{646-760}{760} = -15\%$ |
| | | | | | |
| 2. | 500 | → | 850 | ↑ ↓ | $\frac{850-500}{500} = 70\%$ |
| | | | | | |
| 3. | 515 | → | 618 | ↑ ↓ | $\frac{618-515}{515} = 20\%$ |
| | | | | | |
| 4. | 560 | → | 588 | ↑ ↓ | $\frac{588-560}{560} = 5\%$ |
| | | | | | |
| 5. | 710 | → | 1278 | ↑ ↓ | $\frac{1278-710}{710} = 80\%$ |
| | | | | | |
| 6. | 220 | → | 99 | ↑ ↓ | $\frac{99-220}{220} = -55\%$ |
| | | | | | |
| 7. | 750 | → | 1050 | ↑ ↓ | $\frac{1050-750}{750} = 40\%$ |
| | | | | | |
| 8. | 580 | → | 406 | ↑ ↓ | $\frac{406-580}{580} = -30\%$ |
| | | | | | |
| 9. | 480 | → | 264 | ↑ ↓ | $\frac{264-480}{480} = -45\%$ |
| | | | | | |
| 10. | 690 | → | 621 | ↑ ↓ | $\frac{621-690}{690} = -10\%$ |
| | | | | | |

Percentage Increase/Decrease (D)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|---|-------------------|
| 1. | 730 | → | 511 |   | |
| 2. | 884 | → | 1105 |   | |
| 3. | 935 | → | 187 |   | |
| 4. | 990 | → | 1683 |   | |
| 5. | 980 | → | 637 |   | |
| 6. | 240 | → | 468 |   | |
| 7. | 416 | → | 104 |   | |
| 8. | 860 | → | 1591 |   | |
| 9. | 900 | → | 1485 |   | |
| 10. | 645 | → | 387 |   | |

Percentage Increase/Decrease (D) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 730 | → | 511 | ↑ ↓ | $\frac{511-730}{730} = -30\%$ |
| | | | | | |
| 2. | 884 | → | 1105 | ↑ ↓ | $\frac{1105-884}{884} = 25\%$ |
| | | | | | |
| 3. | 935 | → | 187 | ↑ ↓ | $\frac{187-935}{935} = -80\%$ |
| | | | | | |
| 4. | 990 | → | 1683 | ↑ ↓ | $\frac{1683-990}{990} = 70\%$ |
| | | | | | |
| 5. | 980 | → | 637 | ↑ ↓ | $\frac{637-980}{980} = -35\%$ |
| | | | | | |
| 6. | 240 | → | 468 | ↑ ↓ | $\frac{468-240}{240} = 95\%$ |
| | | | | | |
| 7. | 416 | → | 104 | ↑ ↓ | $\frac{104-416}{416} = -75\%$ |
| | | | | | |
| 8. | 860 | → | 1591 | ↑ ↓ | $\frac{1591-860}{860} = 85\%$ |
| | | | | | |
| 9. | 900 | → | 1485 | ↑ ↓ | $\frac{1485-900}{900} = 65\%$ |
| | | | | | |
| 10. | 645 | → | 387 | ↑ ↓ | $\frac{387-645}{645} = -40\%$ |

Percentage Increase/Decrease (E)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|---|-------------------|
| 1. | 715 | → | 858 |   | |
| 2. | 780 | → | 1131 |   | |
| 3. | 960 | → | 1776 |   | |
| 4. | 100 | → | 65 |   | |
| 5. | 360 | → | 576 |   | |
| 6. | 640 | → | 32 |   | |
| 7. | 840 | → | 504 |   | |
| 8. | 620 | → | 434 |   | |
| 9. | 600 | → | 630 |   | |
| 10. | 350 | → | 35 |   | |

Percentage Increase/Decrease (E) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 715 | → | 858 | | $\frac{858-715}{715} = 20\%$ |
| | | | | | |
| 2. | 780 | → | 1131 | | $\frac{1131-780}{780} = 45\%$ |
| | | | | | |
| 3. | 960 | → | 1776 | | $\frac{1776-960}{960} = 85\%$ |
| | | | | | |
| 4. | 100 | → | 65 | | $\frac{65-100}{100} = -35\%$ |
| | | | | | |
| 5. | 360 | → | 576 | | $\frac{576-360}{360} = 60\%$ |
| | | | | | |
| 6. | 640 | → | 32 | | $\frac{32-640}{640} = -95\%$ |
| | | | | | |
| 7. | 840 | → | 504 | | $\frac{504-840}{840} = -40\%$ |
| | | | | | |
| 8. | 620 | → | 434 | | $\frac{434-620}{620} = -30\%$ |
| | | | | | |
| 9. | 600 | → | 630 | | $\frac{630-600}{600} = 5\%$ |
| | | | | | |
| 10. | 350 | → | 35 | | $\frac{35-350}{350} = -90\%$ |
| | | | | | |

Percentage Increase/Decrease (F)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|---|-------------------|
| 1. | 930 | → | 465 |   | |
| 2. | 700 | → | 735 |   | |
| 3. | 900 | → | 540 |   | |
| 4. | 840 | → | 42 |   | |
| 5. | 120 | → | 42 |   | |
| 6. | 680 | → | 1258 |   | |
| 7. | 360 | → | 234 |   | |
| 8. | 950 | → | 1615 |   | |
| 9. | 380 | → | 551 |   | |
| 10. | 370 | → | 481 |   | |

Percentage Increase/Decrease (F) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 930 | → | 465 | ↑ ↓ | $\frac{465-930}{930} = -50\%$ |
| | | | | | |
| 2. | 700 | → | 735 | ↑ ↓ | $\frac{735-700}{700} = 5\%$ |
| | | | | | |
| 3. | 900 | → | 540 | ↑ ↓ | $\frac{540-900}{900} = -40\%$ |
| | | | | | |
| 4. | 840 | → | 42 | ↑ ↓ | $\frac{42-840}{840} = -95\%$ |
| | | | | | |
| 5. | 120 | → | 42 | ↑ ↓ | $\frac{42-120}{120} = -65\%$ |
| | | | | | |
| 6. | 680 | → | 1258 | ↑ ↓ | $\frac{1258-680}{680} = 85\%$ |
| | | | | | |
| 7. | 360 | → | 234 | ↑ ↓ | $\frac{234-360}{360} = -35\%$ |
| | | | | | |
| 8. | 950 | → | 1615 | ↑ ↓ | $\frac{1615-950}{950} = 70\%$ |
| | | | | | |
| 9. | 380 | → | 551 | ↑ ↓ | $\frac{551-380}{380} = 45\%$ |
| | | | | | |
| 10. | 370 | → | 481 | ↑ ↓ | $\frac{481-370}{370} = 30\%$ |
| | | | | | |

Percentage Increase/Decrease (G)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|---|-------------------|
| 1. | 208 | → | 52 |   | |
| 2. | 900 | → | 405 |   | |
| 3. | 680 | → | 1122 |   | |
| 4. | 740 | → | 629 |   | |
| 5. | 430 | → | 258 |   | |
| 6. | 830 | → | 913 |   | |
| 7. | 340 | → | 323 |   | |
| 8. | 860 | → | 1376 |   | |
| 9. | 668 | → | 1002 |   | |
| 10. | 380 | → | 475 |   | |

Percentage Increase/Decrease (G) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 208 | → | 52 | ↑ ↓ | $\frac{52-208}{208} = -75\%$ |
| | | | | | |
| 2. | 900 | → | 405 | ↑ ↓ | $\frac{405-900}{900} = -55\%$ |
| | | | | | |
| 3. | 680 | → | 1122 | ↑ ↓ | $\frac{1122-680}{680} = 65\%$ |
| | | | | | |
| 4. | 740 | → | 629 | ↑ ↓ | $\frac{629-740}{740} = -15\%$ |
| | | | | | |
| 5. | 430 | → | 258 | ↑ ↓ | $\frac{258-430}{430} = -40\%$ |
| | | | | | |
| 6. | 830 | → | 913 | ↑ ↓ | $\frac{913-830}{830} = 10\%$ |
| | | | | | |
| 7. | 340 | → | 323 | ↑ ↓ | $\frac{323-340}{340} = -5\%$ |
| | | | | | |
| 8. | 860 | → | 1376 | ↑ ↓ | $\frac{1376-860}{860} = 60\%$ |
| | | | | | |
| 9. | 668 | → | 1002 | ↑ ↓ | $\frac{1002-668}{668} = 50\%$ |
| | | | | | |
| 10. | 380 | → | 475 | ↑ ↓ | $\frac{475-380}{380} = 25\%$ |

Percentage Increase/Decrease (H)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|---|-------------------|
| 1. | 480 | → | 216 |   | |
| 2. | 590 | → | 708 |   | |
| 3. | 270 | → | 108 |   | |
| 4. | 940 | → | 1269 |   | |
| 5. | 810 | → | 729 |   | |
| 6. | 632 | → | 316 |   | |
| 7. | 280 | → | 364 |   | |
| 8. | 570 | → | 1026 |   | |
| 9. | 110 | → | 187 |   | |
| 10. | 325 | → | 195 |   | |

Percentage Increase/Decrease (H) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 480 | → | 216 | ↑ ↓ | $\frac{216-480}{480} = -55\%$ |
| | | | | | |
| 2. | 590 | → | 708 | ↑ ↓ | $\frac{708-590}{590} = 20\%$ |
| | | | | | |
| 3. | 270 | → | 108 | ↑ ↓ | $\frac{108-270}{270} = -60\%$ |
| | | | | | |
| 4. | 940 | → | 1269 | ↑ ↓ | $\frac{1269-940}{940} = 35\%$ |
| | | | | | |
| 5. | 810 | → | 729 | ↑ ↓ | $\frac{729-810}{810} = -10\%$ |
| | | | | | |
| 6. | 632 | → | 316 | ↑ ↓ | $\frac{316-632}{632} = -50\%$ |
| | | | | | |
| 7. | 280 | → | 364 | ↑ ↓ | $\frac{364-280}{280} = 30\%$ |
| | | | | | |
| 8. | 570 | → | 1026 | ↑ ↓ | $\frac{1026-570}{570} = 80\%$ |
| | | | | | |
| 9. | 110 | → | 187 | ↑ ↓ | $\frac{187-110}{110} = 70\%$ |
| | | | | | |
| 10. | 325 | → | 195 | ↑ ↓ | $\frac{195-325}{325} = -40\%$ |
| | | | | | |

Percentage Increase/Decrease (I)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-------|-----------------|---|------------|---|-------------------|
| 1. | 160 | → | 120 |   | |
| ----- | | | | | |
| 2. | 460 | → | 897 |   | |
| ----- | | | | | |
| 3. | 840 | → | 1596 |   | |
| ----- | | | | | |
| 4. | 720 | → | 1116 |   | |
| ----- | | | | | |
| 5. | 200 | → | 110 |   | |
| ----- | | | | | |
| 6. | 165 | → | 297 |   | |
| ----- | | | | | |
| 7. | 320 | → | 192 |   | |
| ----- | | | | | |
| 8. | 440 | → | 154 |   | |
| ----- | | | | | |
| 9. | 948 | → | 474 |   | |
| ----- | | | | | |
| 10. | 180 | → | 189 |   | |
| ----- | | | | | |

Percentage Increase/Decrease (I) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.





















| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 160 | → | 120 | ↑ ↓ | $\frac{120-160}{160} = -25\%$ |
| | | | | | |
| 2. | 460 | → | 897 | ↑ ↓ | $\frac{897-460}{460} = 95\%$ |
| | | | | | |
| 3. | 840 | → | 1596 | ↑ ↓ | $\frac{1596-840}{840} = 90\%$ |
| | | | | | |
| 4. | 720 | → | 1116 | ↑ ↓ | $\frac{1116-720}{720} = 55\%$ |
| | | | | | |
| 5. | 200 | → | 110 | ↑ ↓ | $\frac{110-200}{200} = -45\%$ |
| | | | | | |
| 6. | 165 | → | 297 | ↑ ↓ | $\frac{297-165}{165} = 80\%$ |
| | | | | | |
| 7. | 320 | → | 192 | ↑ ↓ | $\frac{192-320}{320} = -40\%$ |
| | | | | | |
| 8. | 440 | → | 154 | ↑ ↓ | $\frac{154-440}{440} = -65\%$ |
| | | | | | |
| 9. | 948 | → | 474 | ↑ ↓ | $\frac{474-948}{948} = -50\%$ |
| | | | | | |
| 10. | 180 | → | 189 | ↑ ↓ | $\frac{189-180}{180} = 5\%$ |
| | | | | | |

Percentage Increase/Decrease (J)

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|-----|-----------------|---|------------|---|-------------------|
| 1. | 580 | → | 232 |   | |
| 2. | 620 | → | 217 |   | |
| 3. | 240 | → | 168 |   | |
| 4. | 984 | → | 738 |   | |
| 5. | 430 | → | 774 |   | |
| 6. | 780 | → | 1482 |   | |
| 7. | 500 | → | 25 |   | |
| 8. | 840 | → | 1134 |   | |
| 9. | 755 | → | 906 |   | |
| 10. | 580 | → | 841 |   | |

Percentage Increase/Decrease (J) Answers

Name: _____

Date: _____

Calculate the percentage increase or decrease.

| | Original Amount | | New Amount | Increase or Decrease | Percentage Change |
|---|-----------------|---|------------|----------------------|-------------------------------|
| 1. | 580 | → | 232 | ↑ ↓ | $\frac{232-580}{580} = -60\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 2. | 620 | → | 217 | ↑ ↓ | $\frac{217-620}{620} = -65\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 3. | 240 | → | 168 | ↑ ↓ | $\frac{168-240}{240} = -30\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 4. | 984 | → | 738 | ↑ ↓ | $\frac{738-984}{984} = -25\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 5. | 430 | → | 774 | ↑ ↓ | $\frac{774-430}{430} = 80\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 6. | 780 | → | 1482 | ↑ ↓ | $\frac{1482-780}{780} = 90\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 7. | 500 | → | 25 | ↑ ↓ | $\frac{25-500}{500} = -95\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 8. | 840 | → | 1134 | ↑ ↓ | $\frac{1134-840}{840} = 35\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 9. | 755 | → | 906 | ↑ ↓ | $\frac{906-755}{755} = 20\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |
| 10. | 580 | → | 841 | ↑ ↓ | $\frac{841-580}{580} = 45\%$ |
| <hr style="border-top: 1px dashed black;"/> | | | | | |