Name: _____
Date: _____ Score: ___ / 10

1. **95% of 60** = _____

2. **65% of 280** = _____

WORKSPACE:

3. **15% of 380** = _____

WORKSPACE:

4. **95% of 340** = _____

WORKSPACE:

5. **85% of 40** = _____

WORKSPACE:

6. **35% of 200** = _____

WORKSPACE:

7. **55% of 60** = _____

WORKSPACE:

8. **65% of 180** = _____

WORKSPACE:

9. **95% of 80** = _____

WORKSPACE:

10. **45% of 340** = _____

WORKSPACE:

1. **95% of 60** = 57

1. Convert to Decimal: 95% = 95/100 = 0.95
2. Multiply by Whole: 0.95 × 60 = 57
3. Calculated Percentage: 95% of 60 = 57 ✅

2. **65% of 280** = 182

1. Convert to Decimal: 65% = 65/100 = 0.65
2. Multiply by Whole: 0.65 × 280 = 182
3. Calculated Percentage: 65% of 280 = 182 ✅

3. **15% of 380** = 57

1. Convert to Decimal: 15% = 15/100 = 0.15
2. Multiply by Whole: 0.15 × 380 = 57
3. Calculated Percentage: 15% of 380 = 57 ✅

4. **95% of 340** = 323

1. Convert to Decimal: 95% = 95/100 = 0.95
2. Multiply by Whole: 0.95 × 340 = 323
3. Calculated Percentage: 95% of 340 = 323 ✅

5. **85% of 40** = 34

1. Convert to Decimal: 85% = 85/100 = 0.85
2. Multiply by Whole: 0.85 × 40 = 34
3. Calculated Percentage: 85% of 40 = 34 ✅

6. **35% of 200** = 70

1. Convert to Decimal: 35% = 35/100 = 0.35
2. Multiply by Whole: 0.35 × 200 = 70
3. Calculated Percentage: 35% of 200 = 70 ✅

7. **55% of 60** = 33

1. Convert to Decimal: 55% = 55/100 = 0.55
2. Multiply by Whole: 0.55 × 60 = 33
3. Calculated Percentage: 55% of 60 = 33 ✅

8. **65% of 180** = 117

1. Convert to Decimal: 65% = 65/100 = 0.65
2. Multiply by Whole: 0.65 × 180 = 117
3. Calculated Percentage: 65% of 180 = 117 ✅

9. **95% of 80** = 76

1. Convert to Decimal: 95% = 95/100 = 0.95
2. Multiply by Whole: 0.95 × 80 = 76
3. Calculated Percentage: 95% of 80 = 76 ✅

10. **45% of 340** = 153

1. Convert to Decimal: 45% = 45/100 = 0.45
2. Multiply by Whole: 0.45 × 340 = 153
3. Calculated Percentage: 45% of 340 = 153 ✅

Name: _____
Date: _____ Score: ___ / 10

1. Find % change: 100 → 95

ANSWER: _____

2. Find % change: 200 → 210

ANSWER: _____

3. Find % change: 75 → 60

ANSWER: _____

4. Find % change: 190 → 209

ANSWER: _____

5. Find % change: 190 → 171

ANSWER: _____

6. Find % change: 130 → 169

ANSWER: _____

7. Find % change: 144 → 180

ANSWER: _____

8. Find % change: 198 → 99

ANSWER: _____

9. Find % change: 200 → 230

ANSWER: _____

10. Find % change: 150 → 135

ANSWER: _____

1. Find % change: 100 → 95

ANSWER: 5% Decrease

1. Calculate Change: |95 − 100| = 5
2. Divide by Original: 5 ÷ 100 = 0.05
3. Convert to Percentage: 0.05 × 100 = 5%
4. Direction: 95 is less than 100 → 5% Decrease ✅

2. Find % change: 200 → 210

ANSWER: 5% Increase

1. Calculate Change: |210 − 200| = 10
2. Divide by Original: 10 ÷ 200 = 0.05
3. Convert to Percentage: 0.05 × 100 = 5%
4. Direction: 210 is greater than 200 → 5% Increase ✅

3. Find % change: 75 → 60

ANSWER: 20% Decrease

1. Calculate Change: |60 − 75| = 15
2. Divide by Original: 15 ÷ 75 = 0.2
3. Convert to Percentage: 0.2 × 100 = 20%
4. Direction: 60 is less than 75 → 20% Decrease ✅

4. Find % change: 190 → 209

ANSWER: 10% Increase

1. Calculate Change: |209 − 190| = 19
2. Divide by Original: 19 ÷ 190 = 0.1
3. Convert to Percentage: 0.1 × 100 = 10%
4. Direction: 209 is greater than 190 → 10% Increase ✅

5. Find % change: 190 → 171

ANSWER: 10% Decrease

1. Calculate Change: |171 − 190| = 19
2. Divide by Original: 19 ÷ 190 = 0.1
3. Convert to Percentage: 0.1 × 100 = 10%
4. Direction: 171 is less than 190 → 10% Decrease ✅

6. Find % change: 130 → 169

ANSWER: 30% Increase

1. Calculate Change: |169 − 130| = 39
2. Divide by Original: 39 ÷ 130 = 0.3
3. Convert to Percentage: 0.3 × 100 = 30%
4. Direction: 169 is greater than 130 → 30% Increase ✅

7. Find % change: 144 → 180

ANSWER: 25% Increase

1. Calculate Change: |180 − 144| = 36
2. Divide by Original: 36 ÷ 144 = 0.25
3. Convert to Percentage: 0.25 × 100 = 25%
4. Direction: 180 is greater than 144 → 25% Increase ✅

8. Find % change: 198 → 99

ANSWER: 50% Decrease

1. Calculate Change: |99 − 198| = 99
2. Divide by Original: 99 ÷ 198 = 0.5
3. Convert to Percentage: 0.5 × 100 = 50%
4. Direction: 99 is less than 198 → 50% Decrease ✅

9. Find % change: 200 → 230

ANSWER: 15% Increase

1. Calculate Change: |230 − 200| = 30
2. Divide by Original: 30 ÷ 200 = 0.15
3. Convert to Percentage: 0.15 × 100 = 15%
4. Direction: 230 is greater than 200 → 15% Increase ✅

10. Find % change: 150 → 135

ANSWER: 10% Decrease

1. Calculate Change: |135 − 150| = 15
2. Divide by Original: 15 ÷ 150 = 0.1
3. Convert to Percentage: 0.1 × 100 = 10%
4. Direction: 135 is less than 150 → 10% Decrease ✅

Name: _____
Date: _____ Score: ___ / 10

1. $\frac{3}{4} = \frac{12}{?}$

WORKSPACE:

2. $\frac{1}{4} = \frac{6}{?}$

WORKSPACE:

3. $\frac{?}{7} = \frac{24}{42}$

WORKSPACE:

4. $\frac{1}{4} = \frac{4}{?}$

WORKSPACE:

5. $\frac{3}{4} = \frac{?}{12}$

WORKSPACE:

6. $\frac{1}{2} = \frac{?}{6}$

WORKSPACE:

7. $\frac{2}{3} = \frac{?}{12}$

WORKSPACE:

8. $\frac{3}{4} = \frac{?}{24}$

WORKSPACE:

9. $\frac{?}{7} = \frac{18}{42}$

WORKSPACE:

10. $\frac{?}{2} = \frac{3}{6}$

WORKSPACE:

1. $\frac{3}{4} = \frac{12}{?}$ **Ans: 16**

1. Find Scale Factor: Compare numerators: 12 ÷ 3 = 4
2. Multiply Denominator by 4: 4 × 4 = 16
3. Verify Equivalence: 3/4 = 12/16 ✅

2. $\frac{1}{4} = \frac{6}{?}$ **Ans: 24**

1. Find Scale Factor: Compare numerators: 6 ÷ 1 = 6
2. Multiply Denominator by 6: 4 × 6 = 24
3. Verify Equivalence: 1/4 = 6/24 ✅

3. $\frac{?}{7} = \frac{24}{42}$ **Ans: 4**

1. Find Scale Factor: Compare denominators: 42 ÷ 7 = 6
2. Divide Scaled Numerator by 6: 24 ÷ 6 = 4
3. Verify Equivalence: 4/7 = 24/42 ✅

4. $\frac{1}{4} = \frac{4}{?}$ **Ans: 16**

1. Find Scale Factor: Compare numerators: 4 ÷ 1 = 4
2. Multiply Denominator by 4: 4 × 4 = 16
3. Verify Equivalence: 1/4 = 4/16 ✅

5. $\frac{3}{4} = \frac{?}{12}$ **Ans: 9**

1. Find Scale Factor: Compare denominators: 12 ÷ 4 = 3
2. Multiply Numerator by 3: 3 × 3 = 9
3. Verify Equivalence: 3/4 = 9/12 ✅

6. $\frac{1}{2} = \frac{?}{6}$ **Ans: 3**

1. Find Scale Factor: Compare denominators: 6 ÷ 2 = 3
2. Multiply Numerator by 3: 1 × 3 = 3
3. Verify Equivalence: 1/2 = 3/6 ✅

7. $\frac{2}{3} = \frac{?}{12}$ **Ans: 8**

1. Find Scale Factor: Compare denominators: 12 ÷ 3 = 4
2. Multiply Numerator by 4: 2 × 4 = 8
3. Verify Equivalence: 2/3 = 8/12 ✅

8. $\frac{3}{4} = \frac{?}{24}$ **Ans: 18**

1. Find Scale Factor: Compare denominators: 24 ÷ 4 = 6
2. Multiply Numerator by 6: 3 × 6 = 18
3. Verify Equivalence: 3/4 = 18/24 ✅

9. $\frac{?}{7} = \frac{18}{42}$ **Ans: 3**

1. Find Scale Factor: Compare denominators: 42 ÷ 7 = 6
2. Divide Scaled Numerator by 6: 18 ÷ 6 = 3
3. Verify Equivalence: 3/7 = 18/42 ✅

10. $\frac{?}{2} = \frac{3}{6}$ **Ans: 1**

1. Find Scale Factor: Compare denominators: 6 ÷ 2 = 3
2. Divide Scaled Numerator by 3: 3 ÷ 3 = 1
3. Verify Equivalence: 1/2 = 3/6 ✅

Name: _____
Date: _____ Score: ___ / 8

1. A store has 28 books on one shelf and 33 books on another shelf. How many books are there in total?

ANSWER: _____

2. A store has 38 toys. 32 toys are sold. How many toys are left in the store?

ANSWER: _____

3. A store has 28 books on one shelf and 44 books on another shelf. How many books are there in total?

ANSWER: _____

4. A store has 38 toys. 37 toys are sold. How many toys are left in the store?

ANSWER: _____

5. A store has 28 books on one shelf and 14 books on another shelf. How many books are there in total?

ANSWER: _____

6. A store has 38 toys. 24 toys are sold. How many toys are left in the store?

ANSWER: _____

7. A store has 28 books on one shelf and 25 books on another shelf. How many books are there in total?

ANSWER: _____

8. A store has 38 toys. 29 toys are sold. How many toys are left in the store?

ANSWER: _____

1. A store has 28 books on one shelf and 33 books on another shelf. How many books are there in total?

ANSWER: 61

2. A store has 38 toys. 32 toys are sold. How many toys are left in the store?

ANSWER: 6

3. A store has 28 books on one shelf and 44 books on another shelf. How many books are there in total?

ANSWER: 72

4. A store has 38 toys. 37 toys are sold. How many toys are left in the store?

ANSWER: 1

5. A store has 28 books on one shelf and 14 books on another shelf. How many books are there in total?

ANSWER: 42

6. A store has 38 toys. 24 toys are sold. How many toys are left in the store?

ANSWER: 14

7. A store has 28 books on one shelf and 25 books on another shelf. How many books are there in total?

ANSWER: 53

8. A store has 38 toys. 29 toys are sold. How many toys are left in the store?

ANSWER: 9