



Write a 5-digit number in expanded form.

Grade 4 Place Value Worksheet

Example: $45,836 = 4 \times 10,000 + 5 \times 1,000 + 8 \times 100 + 3 \times 10 + 6$

Write the number in expanded form.

1. 75,232 _____

2. 99,763 _____

3. 33,240 _____

4. 68,020 _____

5. 71,621 _____

6. 33,270 _____

7. 11,655 _____

8. 24,451 _____

9. 51,187 _____

10. 80,060 _____



Build a decimal number from its parts

Grade 6 Place Value Worksheet

Example: $3.75 = 3 \times 1 + 7 \times 0.1 + 5 \times 0.01$

Write each number in normal form.

1. _____ $1 \times 1 + 7 \times 0.1 + 9 \times 0.01 + 1 \times 0.001$

2. _____ 4×0.01

3. _____ $6 \times 1 + 7 \times 0.1 + 8 \times 0.01$

4. _____ 8×0.1

5. _____ $7 \times 0.1 + 2 \times 0.01$

6. _____ $1 \times 100 + 6 \times 10 + 1 \times 1 + 2 \times 0.1$

7. _____ $1 \times 0.1 + 9 \times 0.01$

8. _____ $1 \times 0.1 + 2 \times 0.01$

9. _____ $3 \times 10 + 4 \times 1 + 8 \times 0.1$

10. _____ $3 \times 0.01 + 5 \times 0.001$



Write a 5-digit number in expanded form.

Grade 4 Place Value Worksheet

Example: $45,836 = 4 \times 10,000 + 5 \times 1,000 + 8 \times 100 + 3 \times 10 + 6$

Write the number in expanded form.

1. 14,883 _____

2. 97,212 _____

3. 55,669 _____

4. 13,433 _____

5. 10,324 _____

6. 43,194 _____

7. 89,445 _____

8. 14,835 _____

9. 93,585 _____

10. 87,403 _____



Build a decimal number from its parts

Grade 6 Place Value Worksheet

Example: $3.75 = 3 \times 1 + 7 \times 0.1 + 5 \times 0.01$

Write each number in normal form.

1. _____ 6×0.01

2. _____ $8 \times 1 + 6 \times 0.1$

3. _____ $8 \times 10 + 5 \times 1 + 8 \times 0.1 + 3 \times 0.01$

4. _____ $1 \times 100 + 6 \times 10 + 6 \times 1 + 5 \times 0.1$

5. _____ $4 \times 10 + 9 \times 1 + 2 \times 0.1$

6. _____ 7×0.001

7. _____ $4 \times 0.01 + 2 \times 0.001$

8. _____ $3 \times 10 + 1 \times 1 + 9 \times 0.1 + 6 \times 0.01$

9. _____ $5 \times 1 + 9 \times 0.1 + 2 \times 0.01$

10. _____ $3 \times 0.1 + 9 \times 0.001$



Build a decimal number from its parts

Grade 6 Place Value Worksheet

Example: $3.75 = 3 \times 1 + 7 \times 0.1 + 5 \times 0.01$

Write each number in normal form.

1. _____ $4 \times 1 + 3 \times 0.1 + 2 \times 0.01 + 9 \times 0.001$

2. _____ 2×1

3. _____ $3 \times 1 + 9 \times 0.01 + 7 \times 0.001$

4. _____ $8 \times 0.1 + 2 \times 0.01 + 2 \times 0.001$

5. _____ $1 \times 1 + 2 \times 0.1$

6. _____ $4 \times 1 + 4 \times 0.1 + 1 \times 0.01 + 1 \times 0.001$

7. _____ $5 \times 10 + 7 \times 1 + 1 \times 0.1 + 1 \times 0.01$

8. _____ 4×0.1

9. _____ 7×0.1

10. _____ $3 \times 1 + 7 \times 0.1 + 2 \times 0.01 + 1 \times 0.001$