

Name: _____

Date _____

Topic : Multiplying and Dividing Exponents - Worksheet 1

Write your answers in expanded form.

1. $3^5 =$ _____

2. $9^3 =$ _____

3. $6^3 \times 9^2 =$ _____

4. $4^3 \times 2^2 \times 5^2 =$ _____

5. $2^2 \div 3^4 =$ _____

6. $8/(8^3) =$ _____

7. $(7^5)^2 =$ _____

8. $5^7 \times 3^3 =$ _____

9. $(6^{-2})^3 =$ _____

10. $625 =$ _____



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Topic: Multiplying and Dividing Exponents - Worksheet 2

Write your answers in expanded form.

1. $2^3 =$ _____

2. $9^2 =$ _____

3. $4^2 \times 5^2 =$ _____

4. $2^4 \times 2^5 \times 2^2 =$ _____

5. $2^3 \div 2^3 =$ _____

6. $(4/3)^3 =$ _____

7. $(6^4)^2 =$ _____

8. $3^6 \times 5^2 =$ _____

9. $(3^{-2})^2 =$ _____

10. $1000 =$ _____



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Topic : Multiplying and Dividing Exponents - Worksheet 3

Write your answers in expanded form.

1. 4^3 = _____

2. 6^2 = _____

3. $4^2 \times 5^2$ = _____

4. $4^4 \times 5^5 \times 6^2$ = _____

5. $5^3 \div 6^3$ = _____

6. $(2/3)^3$ = _____

7. $(10^4)^3$ = _____

8. $5^6 \times 2^2$ = _____

9. $(3^{-2})^{-2}$ = _____

10. 343 = _____



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Topic : Multiplying and Dividing Exponents - Worksheet 4

Write your answers in expanded form.

1. 9^5 = _____

2. 3^4 = _____

3. $2^4 \times 5^3$ = _____

4. $5^2 \times 6^3 \times 4^2$ = _____

5. $4^3 \div 8^2$ = _____

6. $(2/5)^3$ = _____

7. $(7^5)^3$ = _____

8. $7^2 \times 6^2$ = _____

9. $(8^{-2})^3$ = _____

10. 729 = _____



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Topic : Multiplying and Dividing Exponents - Worksheet 5

Write your answers in expanded form.

1. 8^4 = _____

2. 5^3 = _____

3. $4^8 \times 6^2$ = _____

4. $4^2 \times 5^6 \times 4^2$ = _____

5. $3^3 \div 4^3$ = _____

6. $(3/5)^7$ = _____

7. $(16^2)^4$ = _____

8. $3^4 \times 5^2$ = _____

9. $(7^{-3})^4$ = _____

10. 2500 = _____

