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Fill in the bubble next to the correct answer.

1. Kim just turned 10 years old. Her mother is four times older than Kim. How old is Kim's mother?
 A. 34
 B. 43
 C. 40
 D. 14

2. Umar bought a notebook for \$1.39 and two pens for \$1.49 each. How much money did he spend?
 F. \$4.37
 G. \$4.97
 H. \$3.97
 J. \$4.55

3. The fastest flamenco dancer does 16 heel taps per second. How many heel taps would the dancer do in one minute?
 A. 960
 B. 96
 C. 160
 D. 600

4. Maria watched a movie that started at 1:45 PM and ended at 4:15 PM. How long was the movie?
 F. 2 hours
 G. 2 and $\frac{1}{2}$ hours
 H. 2 hours and 45 minutes
 J. 3 hours and 15 minutes

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Evaluate the Numerical Expressions | PEMDAS

Evaluate each expression.

1. $4(3 + 2) + 5 = 37$

2. $2(5 + 3) + 4 = 24$

3. $3(2 + 1) + 6 = 15$

4. $5(4 + 1) + 3 = 28$

5. $2(3 + 2) + 7 = 19$

6. $4(1 + 2) + 8 = 20$

7. $3(4 + 3) + 5 = 29$

8. $5(2 + 1) + 4 = 17$

9. $2(5 + 4) + 6 = 26$

10. $4(3 + 2) + 7 = 27$

11. $3(1 + 2) + 5 = 14$

12. $5(4 + 1) + 3 = 28$

13. $2(3 + 2) + 7 = 19$

14. $4(1 + 2) + 8 = 20$

15. $3(4 + 3) + 5 = 29$

16. $5(2 + 1) + 4 = 17$

17. $2(5 + 4) + 6 = 26$

18. $4(3 + 2) + 7 = 27$

19. $3(1 + 2) + 5 = 14$

20. $5(4 + 1) + 3 = 28$

21. $2(3 + 2) + 7 = 19$

22. $4(1 + 2) + 8 = 20$

23. $(-2)^{31} \times (-2)^{13} = (-2)^{\quad}$

24. $(-3)^8 \div (-3)^5 = (-3)^{\quad}$

25. $\left(\frac{11}{15}\right)^4 \times \left(\frac{\quad}{15}\right)^5 = \left(\frac{11}{15}\right)^9$

26. $\left(\frac{-1}{4}\right)^3 \times \left(\frac{-1}{4}\right)^{\quad} = \left(\frac{-1}{4}\right)^{11}$

27. $\left[\left(\frac{7}{11}\right)^3\right]^4 = \left(\frac{7}{11}\right)^{\quad}$

28. $\left(\frac{6}{13}\right)^{10} \div \left[\left(\frac{6}{13}\right)^5\right]^2 = \left(\frac{6}{13}\right)^{\quad}$

29. $\left[\left(\frac{-1}{4}\right)^{16}\right]^2 = \left(\frac{-1}{4}\right)^{\quad}$

30. $\left(\frac{13}{14}\right)^5 \div (-)^2 = \left(\frac{13}{14}\right)^3$

31. $a^6 \times a^5 \times a^0 = a^{\quad}$

32. 1 lakh = 10^{\quad}

33. 1 million = 10^{\quad}

34. $729 = 3^{\quad}$

35. $432 = 2^4 \times 3^{\quad}$

36. $53700000 = \quad \times 10^7$

37. $8888000000 = \quad \times 10^{10}$

38. $27500000 = 2.75 \times 10^{\quad}$

39. $340900000 = 3.409 \times 10^{\quad}$

40. Fill in the blanks with <, > or = sign.

(a) 3^2 _____ 15

(b) 2^3 _____ 3^2

(c) 7^4 _____ 5^4

(d) 10,000 _____ 10^5

(e) 6^3 _____ 4^4

Name : _____ Score : _____
Teacher : _____ Date : _____

- | | |
|-----------------------------|-----------------------------|
| 1) $(+8) + (+6) + (+2) =$ | 2) $(+2) + (+1) + (-8) =$ |
| 3) $(+2) + (-9) + (+1) =$ | 4) $(-8) + (+2) + (-6) =$ |
| 5) $(-2) + (-9) + (0) =$ | 6) $(+9) + (+4) + (-5) =$ |
| 7) $(+1) + (+5) + (0) =$ | 8) $(-6) + (-9) + (-9) =$ |
| 9) $(+2) + (+5) + (+5) =$ | 10) $(+5) + (+8) + (-6) =$ |
| 11) $(0) + (-5) + (+8) =$ | 12) $(-8) + (-2) + (-8) =$ |
| 13) $(-1) + (+4) + (+1) =$ | 14) $(0) + (-7) + (+1) =$ |
| 15) $(+9) + (+4) + (+1) =$ | 16) $(+4) + (0) + (+5) =$ |
| 17) $(-1) + (+4) + (-6) =$ | 18) $(+2) + (+3) + (+8) =$ |
| 19) $(+2) + (+7) + (+5) =$ | 20) $(+6) + (+7) + (0) =$ |



Note: variables with exponents are not included (such as practiced in an algebra course). Just try again! To get a different worksheet using the same options: PDF format: come back to this page and push the button again. => Learn more See more Brain Quest workbooks at Amazon Our grade 6 exponent worksheets expand our use of exponent notation and include whole number, fractional and decimal bases, negative exponents, and expressions and equations with exponents. The workbook covers spelling and vocabulary, writing, social studies, science, and more. Students can solve simple expressions involving exponents, such as 3^3 , $(1/2)^4$, $(-5)^0$, or 8^{-2} , or write multiplication expressions using an exponent. They are randomly generated so unique each time. You can also make worksheets that have one other operation besides exponentiation (add/subtract/multiply/divide powers). 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