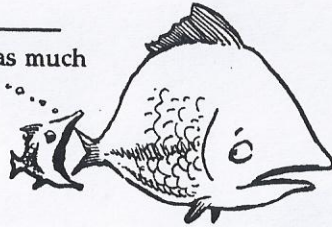


3rd

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Answers

1. When you multiply by 0, the product is 0, so $2 \times 0 \times 0 \times 3 = 0$. A) 0 B) 5 C) 6 D) 600	1. A
2. First, 8 more than 9 = 17. Then, 17 = 10 more than 7. A) 7 B) 8 C) 11 D) 19	2. A
3. $(80-70)+(60-50)+(40-30)+(20-10) = 10+10+10+10 = 40$. A) 10 B) 20 C) 30 D) 40	3. D
4. Since 4 can be written as 2×2 , we see that 4 is not prime. A) 2 B) 3 C) 4 D) 5	4. C
5. Since 1 Giantfish weighs 3 times as much as 1 Minifish, 2 of my Giantfish weigh $2 \times 3 = 6$ times as much as my Minifish. My Minifish would eat 6 times its own weight. A) 2 B) 3 C) 5 D) 6	5. D
6. 5 quarters = $5 \times 25\text{¢} = 125\text{¢} = 100\text{¢} + 25\text{¢} = 10 \text{ dimes} + 5 \text{ nickels}$. A) 5 B) 10 C) 15 D) 20	6. A
7. (# of hours in a day) \div (# of months in a year) = $24 \div 12 = 2$. A) 2 B) 6 C) 12 D) 36	7. A
8. If each Bear Baby weighs 15 kg, then 5 Bear Babies weigh $(5 \times 15) \text{ kg} = 75 \text{ kg}$. A) 3 B) 20 C) 45 D) 75	8. D
9. $24 \div 8 = 3$, and $48 \div 16 = 3$. A) 3 B) 4 C) 6 D) 16	9. D
10. $30+30+30 = 90$, but $40+15+40 = 95$. A) $15+60+15 = 90$ B) $20+30+40 = 90$ C) $25+30+35 = 90$ D) $40+15+40 = 95$	10. D
11. The 5 odd numbers between 10 and 20 are 11, 13, 15, 17, and 19. A) 4 B) 5 C) 6 D) 7	11. B



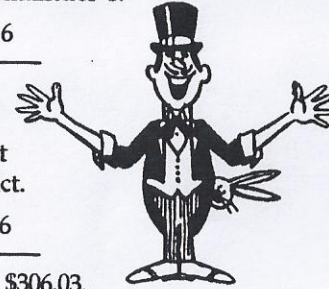
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Answers





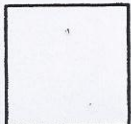
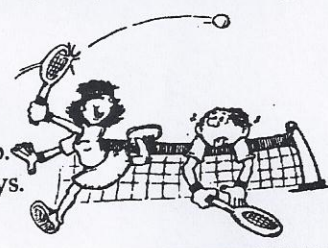
12. $8 \times 30 = 240$, so $246 \div 8 = 30$ with remainder 6. A) 1 B) 2 C) 4 D) 6	12. D
13. During his act, 1 out of every 3 of Magic Marv's 24 rabbits disappeared. Since $24 \div 3 = 8$, it follows that 8 rabbits disappeared during the act. A) 6 B) 8 C) 12 D) 16	13. B
14. $\$300 + \$3 + 300\text{¢} + 3\text{¢} = \$303 + \$3.03 = \306.03 . A) \$33.33 B) \$303.33 C) \$306.03 D) \$330.60	14. C
15. $9 \times 9 \times 9 \times 10 \times 10 \times 10 = (9 \times 10) \times (9 \times 9 \times 10 \times 10) = (90) \times (8100)$. A) 3 B) 270 C) 900 D) 8100	15. D
16. Since $7 \times 25\text{¢} = \$1.75$, I'll have $\$2.00 - \$1.75 = 25\text{¢}$ left over. A) 25¢ B) 50¢ C) 75¢ D) \$1.25	16. A
17. $33+33+33 = 99$; $66+66+66 = 198$. Subtract. A) 33 B) 66 C) 99 D) 132	17. C
18. The even-numbered days in April are the 2nd, 4th, 6th, ..., 28th, and 30th. Rain fell on 15 days last April. A) 15 B) 16 C) 20 D) 30	18. A
19. Every choice listed is divisible by 4, but only 848 is divisible by 8. A) 444 B) 484 C) 844 D) 848	19. D
20. $(20 \times 100) + (20 \times 1) = 2020 = 202 \times 10$. A) 22 B) 202 C) 220 D) 2020	20. B
21. $(1 \times 50) + (5 \times 10) + (10 \times 5) + (50 \times 1) = 50 + 50 + 50 + 50 = 200$. A) 20 B) 50 C) 200 D) 555	21. C
22. 2003 is odd, and the product of any two odd numbers is odd. A) odd B) even C) 2003 D) prime	22. A




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<p>23. (# sides a triangle has) × (# of sides a rectangle has) = $3 \times 4 = 12$. A) 6 B) 7 C) 9 D) 12</p>	<p>23. D</p>
<p>24. Since $12 = 3 \times 4 = 2 \times 6 = 1 \times 12$, the number of kids in Pat's youth chorus could be $3+4 = 7$, $2+6 = 8$, or $1+12 = 13$. The number of kids in Pat's youth chorus <i>cannot</i> be 9. A) 7 B) 8 C) 9 D) 13</p>	 <p>24. C</p>
<p>25. Jack is twice as old as Jill was 4 years ago. Jack is now 20, so it was 4 years ago that Jill was 10. Today, Jill is $10+4 = 14$. A) 10 B) 14 C) 16 D) 24</p>	<p>25. B</p>
<p>26. A)  B)  D)  A) 2 triangles B) 2 same-sized rectangles C) 2 squares D) 2 different-sized rectangles</p>	 <p>26. C</p>
<p>27. Divide 20 by 15, 13, and 11 to get respective remainders of 5, 7, and 9. The remainder cannot be 10 or any larger number. A) 5 B) 7 C) 9 D) 11</p>	<p>27. D</p>
<p>28. A radius is half as long as a diameter. One circle's diameter is 8 cm longer than another's. Its radius is $(8 \text{ cm}) \div 2 = 4 \text{ cm}$ longer. A) 2 B) 4 C) 8 D) 16</p>	<p>28. B</p>
<p>29. Ali first played tennis 9 days ago. Ali also played tennis 7 days ago, 5 days ago, 3 days ago, and 1 day ago. She played tennis on 5 different days. A) 4 B) 5 C) 6 D) 9</p>	 <p>29. B</p>
<p>30. Each odd number is 1 less than the corresponding even number. The sum of the 20 smallest positive odd numbers is $420 - 20$. A) 400 B) 401 C) 419 D) 420</p>	<p>30. A</p>

The end of the contest  **4**

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