

1. Choose the correct answer.

1. The value of digit 4 in the number 32.041 is _____ [Giza - El Agouza 23]
A. 4 B. 0.4 C. 0.04 D. 0.004
2. 5.023 5.019 [El Kalyoubia 23]
A. < B. > C. =
3. Which number could be rounded to 0.69 ?
A. 0.679 B. 0.698 C. 0.68 D. 0.686
4. $1 + 0.7 + 0.07 =$ _____ [El Menia 23]
A. 17.7 B. 1.77 C. 77.1 D. 1.71
5. A car covers 2.5 km in one minute, then the distance covered in 3 minutes = _____ km. [Cairo - El Salam 23]
A. 7.5 B. 5.7 C. 7 D. 5.4
6. $42.18 \times 10 =$ _____ [Giza - Awseem 23]
A. 4.218 B. 421.8 C. 42.18 D. 4,218
7. $55.5 - 5.55 =$ _____ [Cairo - El Nouzha 23]
A. 50.05 B. 50.5 C. 49.95 D. 49.59

1. Choose the correct answer.

1. If $k - 3.551 = 1.268$, then $k =$ _____
A. 2.283 B. 4.819 C. 3.514 D. 5.103
2. Which of the following equations represent the mathematic operation
[6 plus a number equal 11] ? [Cairo - El Salam 23]
A. $B - 11 = 6$ B. $B - 6 = 11$
C. $6 + 11 = B$ D. $6 + B = 11$
3. Prime factorization of 12 is _____
A. 1, 2, 3, 4, 6, 12 B. $2 \times 2 \times 2 \times 3$
C. $2 \times 2 \times 3$ D. $2 \times 3 \times 4$
4. Adel and Hany have 36 L.E. together, Adel only has 20 L.E., then the variable X in
the equation $X + 20 = 36$ represents _____
A. Adel's money. B. Hany's and Adel's money.
C. Hany's money. D. the difference between Adel's and Hany's money.
5. Which pair of numbers has the same greatest common factor as 24 and 18 ?
A. 12 and 24 B. 30 and 12 C. 36 and 18 D. 42 and 35
6. The number 13 has _____ factors.
A. 3 B. 5 C. 2 D. 1
7. The least common multiple [L.C.M] for 12 and 6 is _____ [El Beheira 23]
A. 12 B. 10 C. 6 D. 40

3. Choose the correct answer.

1. The G.C.F of two numbers 3 and 9 is _____ [Cairo – El Zaiton 23]
A. 2 B. 3 C. 6 D. 7
2. The value of the variable x in the equation $x - 3.5 = 4$ is _____ [El Menia – Deir Mawas 23]
A. 1.5 B. 7.5 C. 5.6 D. 5.1
3. The smallest prime number in the following is _____ [El Menia 23]
A. 2 B. 3 C. 5 D. 0
4. The composite number in the following numbers is _____ [El Menia – Deir Mawas 23]
A. 23 B. 13 C. 21 D. 5
5. The number _____ is one of the multiples of the digit 5. [Cairo – El Sherok 23]
A. 57 B. 206 C. 5001 D. 100
6. The prime factorization of 6 is _____ [Cairo – El Zouzha 23]
A. 1×6 B. 2×3 C. $5 + 1$ D. 1,6
7. Which of the following is an expression ? [Cairo 23]
A. $2.5 + X = 8$ B. $2.5 + 1.4 = 1.6 + 1.3$
C. Ramy saved L.E. 18 per day D. $x + 2.7 - 3.8$

3. Choose the correct answer.

1. The place value of 8 in 85.324 is _____ [Souhag 23]
A. Tenths B. Tens C. Hundredths D. Hundreds
2. $1.5 - 0.75 =$ _____ [Alexandria - West 23]
A. 0.75 B. 7.5 C. 1.8 D. 1.25
3. $0.3 \bigcirc 3$ Thousandths. [Cairo - El Marg 23]
A. $<$ B. $>$ C. $=$
4. $34.6 \times$ _____ $= 34,600$ [El Beheira 23]
A. 10 B. 100 C. 1,000 D. 10,000
5. The number [fifteen and fifteen thousandths] in expanded form is _____
A. $10 + 5 + 0.1 + 0.005$ B. $10 + 5 + 0.05 + 0.001$
C. $10 + 5 + 0.01 + 0.005$ D. $10 + 5 + 0.1 + 0.05$
6. $0.3 + 0.15 =$ _____ [Aswan 23]
A. 0.45 B. 0.25 C. 0.20 D. 0.18
7. Rounding the number 56.284 to the nearest Hundredths is _____ [Aswan - Kom Ombo 23]
A. 56.28 B. 56.82 C. 56.3 D. 56.29