|  |  |  |
| --- | --- | --- |
| المملكة العربية السعودية  وزارة التعليم  إدارة التعليم بمنطقة  مكتب التعليم  متوسطة |  | الصف: أول متوسط  المادة: رياضيات  اختبار منتصف الفصل الدراسي الأول  التاريخ: / / 1445هـ |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| الاسم : | | | | | |  |  |
|  |  |  |  |  |  |  | 20 درجة |

**السؤال الأول / اختر الإجابة الصحيحة لكل فقرة:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | يدور محرك سيارة 180 دورة بالدقيقة فكم يدور بالثانية | | | | | | | |
| أ | 3 دورات | ب | 6 دورات | جـ | 4 دورات | د | 5 دورات |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | قيمة العبارة 2 3 *=* | | | | | | | |
| أ | 8 | ب | 4 | جـ | 16 | د | 10 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | اكتب 6 4 على صورة ضرب العامل في نفسه = | | | | | | | |
| أ | ٦×٦ ×٦×٦ | ب | 4×4 ×4×4 | جـ | 6+4 | د | 6×4 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | قيمة العبارة بترتيب العمليات ١٠+ ٨ ÷٢- ٦ = | | | | | | | |
| أ | 8 | ب | 5 | جـ | 6 | د | 4 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | إذا كانت ص =3 قيمة العبارة 15 - | | | | | | | |
| أ | 9 | ب | 6 | جـ | 7 | د | 8 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | حل المعادلة ب - ٥ = 20 ، ب = | | | | | | | |
| أ | 22 | ب | 25 | جـ | 20 | د | 17 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | حل المعادلة ٣س = ١٥ ، س = | | | | | | | |
| أ | 7 | ب | 5 | جـ | 6 | د | 4 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | العبارة المكافئة باستعمال خاصية التوزيع ٣ ( ٧ + ٢ ) = | | | | | | | |
| أ | ٢١+2 | ب | ٢١+6 | جـ | 21+5 | د | 10 + 6 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ناتج 15 + 9 + (-٩) = | | | | | | | |
| أ | صفر | ب | -18 | جـ | 15 | د | 24 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | قيمة العبارة  *+* = | | | | | | | |
| أ | -7 | ب | -5 | جـ | 7 | د | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ناتج الطرح 30 - ( - 14 ) = | | | | | | | |
| أ | 16 | ب | -16 | جـ | 44 | د | -44 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | إذا كانت أ = 6 ، ب = -12 فإن قيمة أ + ب = | | | | | | | |
| أ | -18 | ب | 18 | جـ | -6 | د | 6 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ناتج القسمة 20 ÷ 4 = | | | | | | | |
| أ | 6 | ب | 3 | جـ | 4 | د | 5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | قيمة العبارة ٨ + ( ٥ - ٢ ) = | | | | | | | |
| أ | 13 | ب | 3 | جـ | 6 | د | 11 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ناتج الجمع (-٥) +(-٧) = | | | | | | | |
| أ | 12 | ب | -2 | جـ | 2 | د | -12 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 3+( 7+5) = (3+7) +5 تسمى خاصية | | | | | | | |
| أ | التوزيع | ب | العنصر المحايد | جـ | الابدال | د | التجميع |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ناتج الضرب -6× -6 = | | | | | | | |
| أ | 30 | ب | -36 | جـ | 36 | د | -30 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | الصيغة الأسية للعبارة 10 × 10 × 10 = | | | | | | | |
| أ |  | ب |  | جـ |  | د |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | العدد التالي في النمط 1 ، 3 ، 6 ، 10 ، 15 ، ..... | | | | | | | |
| أ | 20 | ب | 18 | جـ | 21 | د | 22 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | حل المعادلة = 6 | | | | | | | |
| أ | 42 | ب | 48 | جـ | 54 | د | 63 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | إذا كانت س = -28 ، ص = 4 فإن قيمة س ÷ ص = | | | | | | | |
| أ | *-9* | ب | -7 | جـ | *-8* | د | *5* |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | يخصم مصرف مبلغا قدره 10 ريالات شهريا من حساب علي لصالح جمعية الأيتام مالعدد الصحيح الذي يعبر عن الخصم في سنة واحدة؟ | | | | | | | |
| أ | -110 | ب | -120 | جـ | -100 | د | -130 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | تتراوح درجات الحرارة على سطح البحر بين -2 ˚س إلى 31 ˚س الفرق بين درجتي الحرارة ؟ | | | | | | | |
| أ | 29 | ب | 33 | جـ | -29 | د | -33 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | اكتب العبارة 48 مترا تحت سطح البحر كعدد صحيح | | | | | | | |
| أ | 48 | ب | - 48 | جـ |  | د | + 48 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | تكتب العبارة ( أقل من عدد بخمسة يساوي 31 ) على صورة معادلة | | | | | | | |
| أ | س - 5 =31 | ب | س + 5 =31 | جـ | س ÷ 5 =31 | د | 5س =31 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | تكتب العبارة ( عشرة أمثال عدد الطلبة يساوي 280 ) على صورة معادلة | | | | | | | |
| أ | 10ص=280 | ب | 10÷ ص= 280 | جـ | 10+ ص=280 | د | 10 - ص= 280 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | تكتب العبارة ( مثلا عدد البرتقالات ) على صورة عبارة جبرية | | | | | | | |
| أ | 2 ب | ب | 2 + ب | جـ | 2 - ب | د | ب ÷ 2 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | حل المعادلة س + 6 = 9 | | | | | | | |
| أ | م = 3 | ب | م = 6 | جـ | م = 7 | د | م = 8 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | حل المعادلة 6س = 30 | | | | | | | |
| أ | س = 7 | ب | س = 5 | جـ | س = 4 | د | س = 6 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | حل المعادلة 3ص + 2 = 20 | | | | | | | |
| أ | ص = 5 | ب | ص = 6 | جـ | ص = 7 | د | ص = 4 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | أوجد مساحة غرفة طولها 5م وعرضها 4م | | | | | | | |
| أ | 25 م2 | ب | 20 م2 | جـ | 18 م2 | د | 16 م2 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | أوجد محيط حديقة مستطيلة الشكل طولها 12م وعرضها 8م | | | | | | | |
| أ | 32 م | ب | 40 م | جـ | 44 م | د | 36 م |

|  |
| --- |
|  |
| 5 درجات |

***السؤال الثاني/ ضع إشارة > أو < أو = لتصبح الجملة صحيحة:***

|  |  |  |  |
| --- | --- | --- | --- |
| *أ)* | *-2* |  | *8* |

|  |  |  |  |
| --- | --- | --- | --- |
| *ب)* | 0 |  | *-10* |

|  |  |  |  |
| --- | --- | --- | --- |
| *جـ)* | *-4* |  | *-6* |

|  |  |  |  |
| --- | --- | --- | --- |
| *د)* |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| *ه)* |  |  |  |

|  |
| --- |
|  |
| 4 درجات |

**السؤال الثالث / أكمل الجدول ثم اكتب مجال الدالة و مداها :**

ص = س + 3

|  |  |  |
| --- | --- | --- |
| س | س + 3 | ص |
| 0 |  |  |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

المجال = } ، ، ، {

المدى = } ، ، ، {

**‌أرجو لك التوفيق والنجاح**

|  |  |  |
| --- | --- | --- |
| **وزارة التعليم**  **إدارة التعليم** |  | **الصف: أول متوسط**  **المادة: رياضيات** |
| **اختبار الفترة الفصل الدراسي الأول 1445هـ** | | |

|  |
| --- |
| **اسم الطالبه:** |

|  |  |
| --- | --- |
|  | **20 درجة** |

**السؤال الأول: اختر الإجابة الصحيحة لكل فقرة:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **قيمة =** | | | | | | | | | | | | | | |
|  | **أ** | | **8** | **ب** | | **4** | | **جـ** | | **16** | | | **د** | | **10** |
| **2** | **تكتب على صورة ضرب العامل في نفسه =** | | | | | | | | | | | | | | |
|  | **أ** | | **6 + 4** | **ب** | | **٦×٦ ×٦×٦** | | **جـ** | | **4×4** | | | **د** | | **6×4** |
| **3** | **قيمة العبارة بترتيب العمليات 8+ ( 5 – 2 ) =** | | | | | | | | | | | | | | |
|  | **أ** | | **3** | **ب** | | **8** | | **جـ** | | **11** | | | **د** | | **4** |
| **4** | **احسبي قيمة العبارة أ + 7 إذا كانت أ =٣** | | | | | | | | | | | | | | |
|  | **أ** | | **6** | **ب** | | **18** | | **جـ** | | **24** | | | **د** | | **10** |
| **5** | **حل المعادلة ب + ٥ = 20 ، ب =** | | | | | | | | | | | | | | |
|  | **أ** | | **15** | **ب** | | **10** | | **جـ** | | **3** | | | **د** | | **23** |
| **6** | **العبارة المكافئة باستعمال خاصية التوزيع للعبارة العددية ٣ ( ٧ + ٢ ) =** | | | | | | | | | | | | | | |
|  | **أ** | | **٢١+2** | **ب** | | **٢١+6** | | **جـ** | | **7+6** | | | **د** | | **2+٧** |
| **7** | **قيمة المطلقه للعدد | - 6| =** | | | | | | | | | | | | | | |
|  | **أ** | **4** | | | **ب** | | **8** | | **جـ** | | **6** | **د** | | **7** | |
| **8** | **العنصر المحايد لعملية الجمع هو :** | | | | | | | | | | | | | | |
|  | **أ** | **1** | | | **ب** | | **2** | | **جـ** | | **-8** | **د** | | **0** | |
| **9** | **في العباره 1+ 2= 2+1 تسمى الخاصيه** | | | | | | | | | | | | | | |
|  | **أ** | **الإبداليه** | | | **ب** | | **التجميعية** | | **جـ** | | **العنصر المحايد** | **د** | | **توزيع الضرب على الجمع** | |
| **10** | **الخطوه الأولى عند حساب ترتيب العمليات** | | | | | | | | | | | | | | |
|  | **أ** | **الجمع والطرح بالتريب من اليمين لليسار** | | | **ب** | | **فك الأقواس** | | **جـ** | | **فك الأسس** | **د** | | **الضرب والقسمة بالترتيب من اليمين لليسار** | |

**السؤال الثاني: ضع علامة ( √ ) أمام العبارة الصحيحة وعلامة ( × ) أمام العبارة الخاطئة:**

|  |  |  |
| --- | --- | --- |
| **1** | **٤(٣+٥) = ٤×3 + 4×5 تسمة خاصية توزيع الضرب على الجمع** |  |
| **2** | **العنصر المحايد لعملية الضرب هو الواحد** |  |
| **3** | **المتغير هو رمز يمثل كمية غير معلومه** |  |
| **4** | **تسمى مجموعة قيم المدخلات المجال وتسمى مجموعة قيم المخرجات المدى** |  |
| **5** | **القيمة المطلقة للعدد |- ٩| = + ٩** |  |
| **6** | **المستوى الإحداثي يتكون من تقاطع خطي اعداد متعامدين هما المحور السيني والمحور الصادي** |  |
| **7** | **العدد الصحيح الذي يعبر عن سحب بنكي بمقدار ٧٥ ريال هو +75** |  |
| **8** | **خسارة 3 ريالات تكتب كعدد صحيح + 3** |  |

***السؤال الثالث: أ / ضع إشارة > أو < أو = لتصبح كل جملة صحيحة:***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***أ*** | ***8*** |  | ***-2*** |  | ***ب*** | ***-5*** |  | ***-10*** |

|  |  |  |
| --- | --- | --- |
|  |  |  |

**ب / اكملي جدول الدوال وحددي المجال والمدى**

**ص = 2+س**

|  |  |  |
| --- | --- | --- |
| **س** | **2+س** | **ص** |
| **١** |  |  |
| **٢** |  |  |

**المجال =**

**المدى =**

***انتهت الأسئلة ،،، أرجو لكم التوفيق والنجاح***

|  |  |  |  |
| --- | --- | --- | --- |
| **المملكة العربية السعودية**  **وزارة التعليم**  **الإدارة العامة للتعليم بمحافظة**  **متوسطة** | الوزارة  **إختبار منتصف الفصل الدراسي الاول للعام الدراسي ١٤٤٥ه‍ـ** | **التاريخ** | **/ /١٤٤٥ه‍ـ** |
| **المادة** | **رياضيات** |
| **الصف** | **الأول متوسط** |
| **الزمن** | **30 دقيقة** |
| **اسم الطالب** : ................................................................................................................................. ................... **الدرجة :- ............. / 20** | | | |

**5**

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| **السؤال الأول: ضع علامة ( √ ) أمام العبارة الصحيحة وعلامة ( × ) أمام العبارة الخاطئة فيما يلي :**   |  |  | | --- | --- | | 1 ) الخطوة الأولى من الخطوات الأربع لحل المسألة هي أفهم  *.* |  | | 2 ) قيمة 24 = 16 |  | | 3 ) المتغير هو رمز يمثل كمية غير معلومه . |  | | 4 ) المعادلة هي جملة تحتوي على عبارتين تفصل بينهما إشارة المساواة ( = ) . |  | | 5 ) | - 5 | = -5 |  |     ***6***   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **السؤال الثاني: أسئلة الاختيار من متعدد من (1) إلى (6):** | | | | | | | | | | | **1** | **عند كتابة 37 *على صورة ضرب العامل في نفسه تكون :-*** | | | | | | | | | |  | **أ** | ***7 x 7 x 7*** | **ب** | ***7 x 3*** | **ج** | ***3 x 3 x 3*** | **د** | ***غير ذلك*** | | | **2** | **عند كتابة 5 x 5 x 5 بالصيغة الاسية تكون :** | | | | | | | | | |  | **أ** | **35** | **ب** | **53** | **ج** | **5 x 3** | **د** | **غير ذلك** | | | **3** | **8 + ( 5 – 2 ) = :** | | | | | | | | | |  | **أ** | **12** | **ب** | **11** | **ج** | **10** | **د** | **غير ذلك** | | | **4** | **حل المعادلة ن + 14 = 18 هو .** | | | | | | | | | |  | **أ** | **ن = 3** | **ب** | **ن = 4** | **ج** | **ن = 5** | **د** | **ن = 14** | | | **5** | **أ + ب = ب + أ تسمى هذه الخاصية :** | | | | | | | | | |  | **أ** | **خاصية الابدال** | **ب** | **خاصية التجميع** | **ج** | **خاصية التوزيع** | **د** | **غيرذلك** | | | **6** | **أي الاعداد التالية اكبر من -2 ؟** | | | | | | | | | |  | **أ** | **-1** | **ب** | **-4** | **ج** | **-5** | **د** | **-7** | |   ***3***  **السؤال الثالث : احسب قيمة 8 – 3 x 2 +7 ؟**      ***2***  **السؤال الرابع: احسب قيمة ن + 3 اذا كانت ن = 4 ؟**    ***4***  **السؤال الخامس :- اكمل الجدوال المجاور ثم اوجد المجال والمدى ؟ ص = 2س**     |  |  |  | | --- | --- | --- | | **س** | **2 x س** | **ص** | | **1** | **2 x 1** | **2** | | **2** | **2 x 2** |  | | **3** | **2 x 3** |  | | **4** |  |  |   **المجال : } {**    **المدى : } {**      **إنتهت الأسئلة .** |