22) Evaluate $\left(-\dfrac{2}{3}+\dfrac{3}{5}\right)-\left(-\dfrac{8}{3}\right)$.

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23) Sarah made the jewelry shown. If the necklace is $10\dfrac{5}{8}$ inches longer than **BONUS**
the bracelet, what is the overall length of the bracelet and necklace together?

$7\dfrac{1}{4}$ in

bracelet

Necklace

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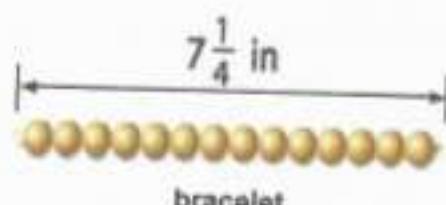
24) Marah has $8\dfrac{1}{4}$ cups of fruit juice. If she divides the juice into $\dfrac{3}{4}$ cup servings,
how many servings will she have?

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End of Exam

Best of Luck

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18) The original price of a radio is AED 200. It is now on sale for AED 150. What is the percent of change in the price of the radio?

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19) Mohamed invests AED 800 into a savings account. The account pays 4% simple interest. How much interest will he earn after 5 years?

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20) If $x = -3$ and $y = -9$, write $\dfrac{3 + x - y}{x^2}$ in simplest form.

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21) Evaluate $\left(-1\dfrac{1}{2}\right) \times \dfrac{2}{3}$.

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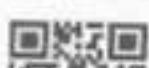
15) Find the value of $-\dfrac{4}{5} \div \dfrac{8}{7}$.

a) $\dfrac{32}{35}$

b) $\dfrac{7}{10}$

c) $\dfrac{-7}{10}$

d) $\dfrac{-32}{35}$

Part II

Show all the details when answering these questions.

55

16) Which situation represents a proportional relationship between the number of hours worked and amount earned for Omar and Asma? Explain.

Asma's Earnings (AED)	9	18	27
Time (h)	1	2	3

Omar's Earnings (AED)	8	14	26
Time (h)	1	2	3

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17) Solve the equation $\dfrac{x-4}{10} = \dfrac{7}{5}$.

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11) Find the value of $(-3)(-6)(-1)$.

a) 18

b) -18

c) 11

d) -11

12) Write 0.125 as a fraction in simplest form.

a) $\dfrac{1}{5}$

b) $\dfrac{1}{6}$

c) $\dfrac{1}{4}$

d) $\dfrac{1}{8}$

13) What is the symbol that makes $\dfrac{-5}{9} \bigcirc \dfrac{-7}{12}$ correct?

a) $\leq$

b) $\geq$

c) $=$

d) $<$

14) Find the value of $1+(-2)-(-3)$.

a) -4

b) 0

c) 2

d) 6

حدث خطأ في المزامنة، يُرجى إعادة المحاولة لاحقًا.

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... End of Term 1 Exam – Mathematics – Grade 7 General – Academic Year 2018/2019

7) Find 40% of 70.

a) 10

b) 28

c) 40

d) 30

8) What percent is of 25 is 20?

a) 85%

b) 70%

c) 80%

d) 60%

9) Evaluate the expression $1+\left|-17\right|$.

a) 18

b) 16

c) −18

d) −16

10) Graph $3\frac{2}{3}$ on the number line.
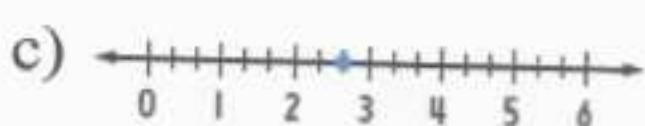
a)

b)

c)

d)

3

٢٠ / ١٦

4) Find the value of h in the proportion $\dfrac{h}{21} = \dfrac{7}{3}$.

a) 49

b) 12

c) -12

d) -49

5) Find the slope of the line drawn.

a) 20

b) 30

c) 40

d) 60
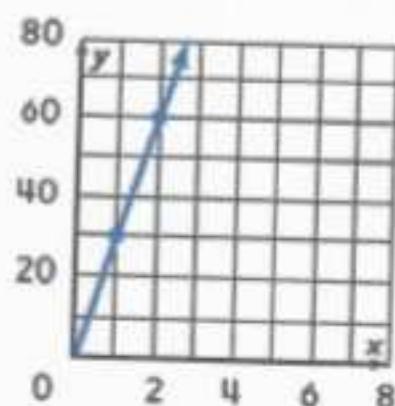
6– Use the graph to find the constant rate of change.

a) $\dfrac{6 \text{ pages}}{1 \text{ hour}}$

b) $\dfrac{18 \text{ pages}}{1 \text{ minute}}$

c) $\dfrac{12 \text{ pages}}{1 \text{ hour}}$

d) $\dfrac{12 \text{ pages}}{1 \text{ minute}}$
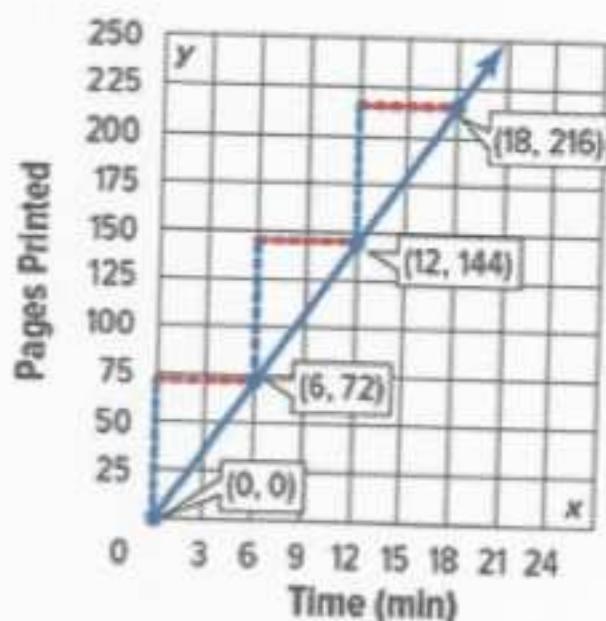
2

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7) Find 40% of 70.

امتحان الفصل الدراسي الأول

End of Term1 Exam

إذا سألك أحدهم
ماذا تريد أن تكون في المستقبل ؟
فقل له أريد أن أكون ....

Student No.			رقم الطَّالب
Student Name			اسم الطَّالب
Grade & Stream	General 7		الصف والمسار
Subject:	Mathematics		المادة

This table is to be filled by markers

يملأ هذا الجدول بدقَّة تامَّة من قبل لجنة التَّقدير.

رقم السُّؤال Question No.	الدَّرجة Mark		المقدِّر1 Marker 1	المقدِّر2 2 Marker	المراجع Reviser
	رقمـــأً In Figures	كتابـــةً In Words			
Part I					
Part II					
الدَّرجة المستحقَّة Allotted Mark					

G7 Gen
Math Eng

Grade: 7		Subject: Mathematics
Stream: General	End of Term One Exam Academic Year 2018/2019	Number of Pages: (7)

Part I

Circle the letter corresponding to the correct answer.

45

1) Write $\dfrac{\frac{4}{5}}{2}$ as a decimal number.

      a) 0.45   b) 0.8

      c) 4.5   d) 0.4

2) The fastest a human has ever run is 45 kilometers per hour. Which of the following is equivalent to this speed?

      a) $\dfrac{3}{4}$ km/min   b) $\dfrac{2}{9}$ km/min

      c) $\dfrac{9}{2}$ km/min   d) $\dfrac{4}{3}$ km/min

3) What is the point that represents the orderd pair (-2.1) in the figure?   ٢٠ / ١٤

      a) M   b) P

      c) N   d) O

1