نموذج تدريبي أول وفق الهيكل الوزاري القسم الالكتروني منهج ريفيل

موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف السادس ⇦ رياضيات ⇦ الفصل الأول ⇦ اختبارات الكترونية ⇦ الملف	
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المزيد من مادة رياضيات:	ملفات l كتب للمعلم l كتب للطالب l اختبارات الكترونية l اختبارات l حلول l عروض بوربوينت l أوراق عمل منهج انجليزي l ملخصات وتقارير l مذكرات وبنوك l الامتحان النهائي l للمدرس

التواصل الاجتماعي بحسب الصف السادس

صفحة المناهج الإماراتية على فيسبوك				
المواد على تلغرام	التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات

المزيد من الملفات بحسب الصف السادس والمادة رياضيات في الفصل الأول

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1.1 Understand Ratios

1) The ingredients needed to make one serving of a fruit smoothie are shown in the table. Suppose you have 12 cups of frozen strawberries.
If you use the entire amount, how many cups of plain yogurt do you need to maintain the same ratio?

Ingredient	Cups
Plain Yogurt	2
Fruit Juice	1
Frozen Strawberries	3

A) 6   B) 3   C) 2   D) 8

1.2 Tables of Equivalent Ratios

2) In a mixture of nuts, there are 3 tablespoons of peanuts for every 2 tablespoons of sunflower seeds.
How many tablespoons of sunflowers seeds are needed if you have 60 tablespoons of peanuts?

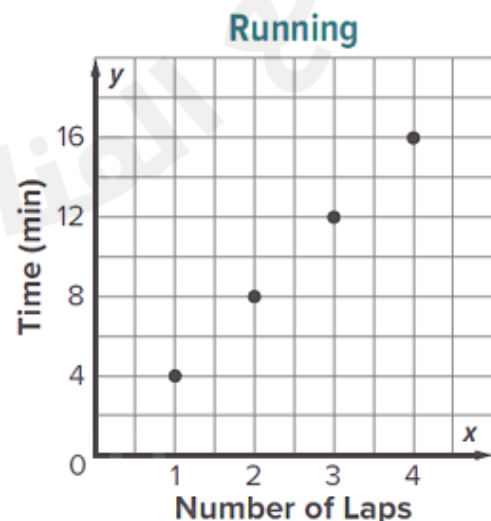| Tablespoons of peanuts	3	60
Tablespoons of sunflower	2	?

A) 60   B) 40   C) 20   D) 3

1.3 Graphs of Equivalent Ratios

3) Laila is running laps around the track. The time in minutes and the number of laps ran are shown in the graph. Which of the following is true about the ratio relationship shown in the graph?

a) Every 4 minutes, Laila ran 1 lap.
b) Laila ran 8 Laps in 2 minutes.
c) It took Laila 1 minute to run 4 laps.
d) In 16 minutes, Laila completed 3 laps.

1.4 Compare Ratio Relationships

4) When working on homework, Shayma spends 15 minutes reading for every 20 minutes spent on math, Aisha spends 12 minutes reading for every 15 minutes spent on math. Which person has the greatest ratio of minutes spent on reading to minutes spent on math.

a) **Aisha** has the greatest ratio of minutes spent on reading to minutes spent on math

b) **Shayma** has the greatest ratio of minutes spent on reading to minutes spent on math

c) **Shayma** and Aysha has the same ratio of minutes spent on reading to minutes spent on math

d) The information is not enough.

1.6 Convert Customary Measurement Units

5) Students in a class walked 1 mile for a walk. How many yards did the Students walk?

Customary Conversions			
Type of Measure	Larger Unit	→	Smaller Unit
Length	1 foot (ft)	=	12 inches (in.)
	1 yard (yd)	=	3 feet
	1 mile (mi)	=	5,280 feet

A) 1760   B) 5280   C) 12000   D) 600

2.1 Understand Percents

6) What percent is represented by the bar diagram?

0%   100%
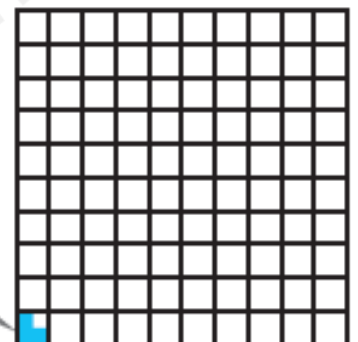
A) 40%   B) 20%   C) 60%   D) 80%

2.2 Percents Greater Than 100% and Less Than 1%

7. Identify the percent represented by the 10 × 10 grids.

A) 75%   B) 100%

C) 175 %   D) 0.75%

2.3 Relate Fractions, Decimals, and Percents

8) Write $\frac{3}{20}$ as a percent.

A) 15%   B) 25%   C) 20%   D) 23%

2.6 Find the Whole

9) Hasan spends 15% of the school day in science class. If he spends 75 minutes in science class, how many minutes long is Hasan's school day?

a) 500
b) 100
c) 60
d) 50

3.3 Divide Whole Numbers by Fractions

10) Divide $5 \div \frac{2}{7}$.

a) $5 \times \frac{2}{7} = \frac{10}{7}$ b) $5 \times \frac{7}{2} = \frac{35}{2}$ c) $5 \div \frac{2}{7} = 5\frac{2}{7}$ d) $\frac{1}{5} \times \frac{7}{2} = \frac{7}{10}$

3.4 Divide Fractions by Fractions

11) A teacher is making bags of different colors of modeling clay. The table shows the amount of each color she has available. Each color will be divided into $\frac{3}{16}$-pound bags. How many more bags of purple can she make than yellow?
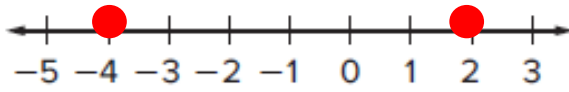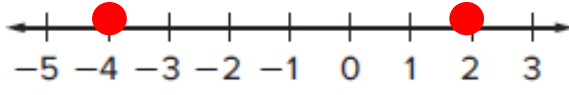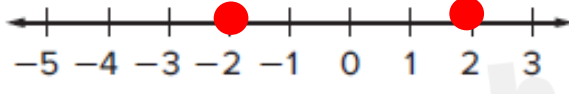
Color	Weight (lb)
Green	$\frac{1}{2}$
Purple	$\frac{15}{16}$
Red	$\frac{2}{3}$
Yellow	$\frac{3}{4}$

   a) 5 more bag of purple can be made.

   b) 4 more bag of purple can be made.

   c) 1 more bag of purple can be made.

   d) 3 more bag of purple can be made.

4.1 Represent Integers

12) Rodney is performing a science experiment. The table shows the temperature of two liquids he is using. Graph the integers that represent the temperatures on a number line. Which beaker's liquid is closer to 0°C?

Beaker	Temperature
A	−4°C
B	2°C

a) Beaker B is closer to 0°C.

b) Beaker A is closer to 0°C.

c) Beaker A is closer to 0°C.

d) Beaker B is closer to 0°C.

4.2 Opposites and Absolute Value

13) **Find the value** $-[-(-7)]$.

    a) 7
    b) -70
    c) -7
    d) 0

4.3 Compare and Order Integers

14) After playing 18 holes of golf, John's score was −4 and Terry's score was −1. Write an inequality to compare the scores.

   a) $-4 > -1$ b) $4 < -1$ c) $-4 < -1$ d) $-1 > 4$

15) **Identify the ordered pair that located in Quadrant II.**

A) $(-2, \frac{1}{2})$ B) $(2, \frac{1}{2})$

C) $(\frac{1}{2}, -2)$ D) $(-2, -\frac{1}{2})$