

## تم تحميل هذا الملف من موقع المناهج الإماراتية



## نموذج تدريبي ثان وفق الهيكل الوزاري القسم الالكتروني منهج ريفيل

موقع المناهج ← المناهج الإماراتية ← الصف السادس ← رياضيات ← الفصل الأول ← اختبارات الكترونية ← الملف

تاريخ إضافة الملف على موقع المناهج: 2024-11-16 14:31:25

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل  
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي للمدرس

المزيد من مادة  
رياضيات:

إعداد: مدرسة أم كلثوم

## التواصل الاجتماعي بحسب الصف السادس



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

## المزيد من الملفات بحسب الصف السادس والمادة رياضيات في الفصل الأول

نموذج تدريبي أول وفق الهيكل الوزاري القسم الالكتروني منهج ريفيل

1

أسئلة الامتحان النهائي القسم الورقي منهج ريفيل

2

تجميعات أسئلة تدريبية وفق الهيكل الوزاري منهج ريفيل

3

حل تجميعات أسئلة وفق الهيكل الوزاري منهج ريفيل

4

أسئلة الامتحان النهائي القسم الالكتروني المسار العام منهج ريفيل

5

1.1 Understand Ratios

1) A bakery sells fresh-muffins, sold in small or large boxes. The manager of the bakery wants to maintain the same ratio of each type of muffin in the large box as in the small box. If the large box contains 9 chocolate muffins, how many blueberry muffins are in the large box?

Small box	
Muffin	Quantity
Blueberry	2
Cinnamon	1
Chocolate	3

- A) 6                      B) 3  
C) 2                      D) 1

1.2 Tables of Equivalent Ratios

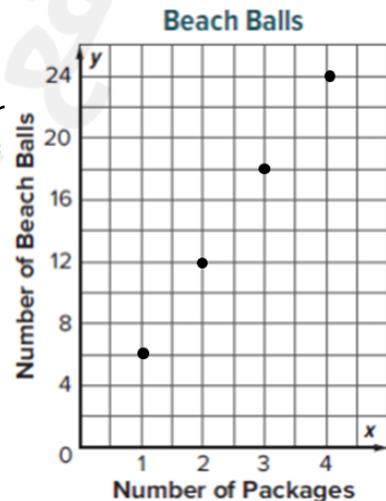
2) Cans of corn are on sale at 10 for 20 Dirhams. Find the cost of 15 cans

Cans of Corn	10		15
Cost in Dirhams	20		■

- A) 3                      B) 5  
C) 30                    D) 45

1.3 Graphs of Equivalent Ratios

3) Lulah is buying beach balls for her beach themed party. Each package contains 6 beach balls. Generate the set of ordered pairs for the ratio relationship between the number of beach balls y and the number of packages x for a total of 1, 2, 3, and 4 packages. Then graph the relationship on the coordinate plane and describe the pattern in the graph.



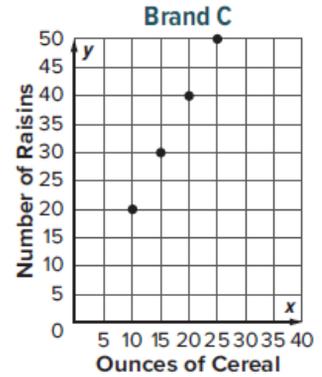
- A.  $\{(6,1),(12,2),(18,3),(24,4)\}$ .  
B.  $\{(1,6),(2,12),(3,18),(4,24)\}$ .  
C.  $\{(6,1),(6,2),(6,3),(6,4)\}$ .  
D.  $\{(1,6),(2,6),(3,6),(4,6)\}$ .

## 1.4 Compare Ratio Relationships

4) Cereal Brand A advertises that they have 60 raisins in their 24-ounce box of cereal. The advertised ratio of raisins to ounces for two other cereal brands are shown in the table and graph. Which brand advertises the greatest ratio of raisins to ounces of cereal?

- a) Brand A has the greatest ratio
- b) Brand B has the greatest ratio
- c) Brand C has the greatest ratio
- d) Brand B has the least ratio

Brand B				
Ounces of Cereal	6	12	20	24
Raisins	18	36	60	72



## 1.6 Convert Customary Measurement Units

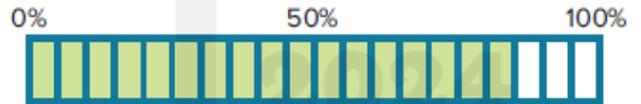
5) A class walked 2 **miles** for a walk-a-thon. How many **yards** did the class walk?

Length		=	
	1 foot (ft)	=	12 inches (in.)
	1 yard (yd)	=	3 feet
	1 mile (mi)	=	5,280 feet

- A) 3000 yards
- B) 520 yards
- C) 3520 yards
- D) 1763 yards

## 2.1 Understand Percents

6) What percent is represented by the bar diagram?

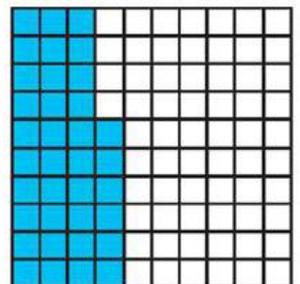
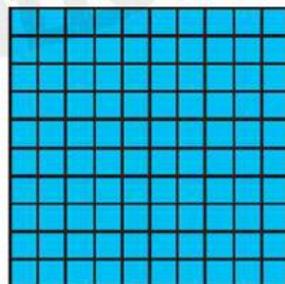


- A) 80%
- B) 20%
- C) 65%
- D) 85%

## 2.2 Percents Greater Than 100% and Less Than 1%

7. Identify the percent represented by the  $10 \times 10$  grids.

- A) 36%
- B) 100%
- C) 136%
- D) 80%



## 2.3 Relate Fractions, Decimals, and Percents

8) Write  $\frac{9}{12}$  as a decimal.

A) 7.5

B) 0.75

C) 0.9

D) 0.12

## 2.6 Find the Whole

- 9) Action movies make up 25% of Sara's DVD collection. If she has 16 action DVDs, how many DVDs does Sara have in her collection?
- a) 32 DVDs  
b) 48 DVDs  
c) 64 DVDs  
d) 80 DVDs

## 3.3 Divide Whole Numbers by Fractions

10) Divide  $6 \div \frac{2}{3}$ . Write in simplest form.

- a)  $6 \times \frac{3}{2} = 9$     b)  $6 + \frac{2}{3} = 6\frac{2}{3}$     c)  $6 \times \frac{2}{3} = 4$     d)  $\frac{1}{6} \times \frac{3}{2} = \frac{1}{4}$

## 3.4 Divide Fractions by Fractions

10) Mateo is making bookmarks using ribbons of different colors. Each bookmark requires  $\frac{1}{6}$  yard of ribbon. The table below shows the amount of each color ribbon he has available:

How **many more** bookmarks can he make with the **orange** ribbon than with the aqua ribbon?

- A) 1 more bookmark  
B) 2 more bookmarks  
C) 3 more bookmarks  
D) 4 more bookmarks

Color	Length (yd)
Aqua	$\frac{3}{4}$
Orange	$\frac{9}{10}$
Yellow	$\frac{15}{16}$

## 4.1 Represent Integers

- 12) Rodney is performing a science experiment. The table below shows the temperatures of two liquids he is using. Graph the integers that represent the temperatures on a number line. Then, answer the question below.

Beaker	Temperature
A	$-4^{\circ}\text{C}$
B	$2^{\circ}\text{C}$

**Question:** Which beaker's liquid is closer to  $0^{\circ}\text{C}$ ?

- A) Beaker A
- B) Beaker B
- C) Both are equally close to  $0^{\circ}\text{C}$
- D) Neither is close to  $0^{\circ}\text{C}$

## 4.2 Opposites and Absolute Value

- 13) The temperature was  $-5^{\circ}\text{F}$  when Tiffany woke up in the morning. By noon, the temperature was  $0^{\circ}\text{F}$ . **How many** degrees did the temperature change?

- A)  $3^{\circ}\text{F}$
- B)  $5^{\circ}\text{F}$
- C)  $10^{\circ}\text{F}$
- D)  $15^{\circ}\text{F}$

## 4.3 Compare and Order Integers

- 14) The record low temperature for Buffalo, New York is  $-20^{\circ}\text{F}$ . The record low temperature for Chicago, Illinois is  $-27^{\circ}\text{F}$ . Which inequality correctly compares the record low temperatures?

- A)  $-20 > -27$
- B)  $-20 < -27$
- C)  $-20 = -27$
- D)  $-20 \leq -27$

- 15) Identify the ordered pair that names point D .

- a)  $(1.5, -1)$
- b)  $(-1.5, -1)$
- c)  $(-1.5, 1)$
- d)  $(-1, 1.5)$

