

# Grade 5 Math Practice Test

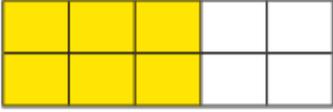
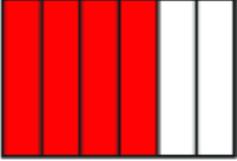
Name: \_\_\_\_\_ Class: \_\_\_\_\_

**SELECT QUESTIONS: (80% - 16 Questions = 80 marks)**

**Question 1:**

**(5 marks)**

Complete the table by filling in the missing information (a to e)

	Shape	Number of <u>equal</u> parts	Number of <u>shaded</u> parts	Fraction
		10	6	$6/10$
a.		8	a)	b)
b.		c)	4	$4/6$
c.		5	4	d)
d.		8	e)	$3/8$

**Question 2:**

**(3 marks)**

The table shows the distances in metres between UAE cities.

	Fujairah	Ras Al Khaimah	Umm Al Quwain	Ajman
Abu Dhabi	300 000	270 000	230 000	200 000
Al Ain	200 000	220 000	190 000	160 000
Dubai	130 000	100 000	50 000	<b>30 000</b>
Sharjah	110 000	80 000	30 000	<b>10 000</b>

Write the correct symbol between each pair of locations. (> or <)

a. Ras Al Khaimah to Sharjah


Ajman to Dubai

b. Ajman to Al Ain

Umm Al Quwain to Al Ain

c. Fujairah to Al Ain

Ras Al Khaimah to Abu Dhabi

**Question 3:**

Complete the table.

**(3 marks)**

Number (in words)	Number (in numerals)
1) One thousand, one hundred and eight	
2)	2 347
3) Five hundred and sixty two thousand, three hundred and eight	

**Question 4:**

(4 marks)

Write the numbers in order given. The first one has been done for you.

	Numbers:	Ascending Order 	Descending Order 
	233 421, 233 419, 233 424, 233 428 233 417	233 417, 233 429, 233 421, 233 424, 233 428	233 428, 233 424, 233 421, 233 429, 233 427
a	12 755, 12 107, 12 005, 12 220, 12 999		
b	489 667, 489 661, 489 656, 489 682, 489 659		

**Question 5:**

(2 marks)

Solve these addition & subtraction problems using your chosen strategy.

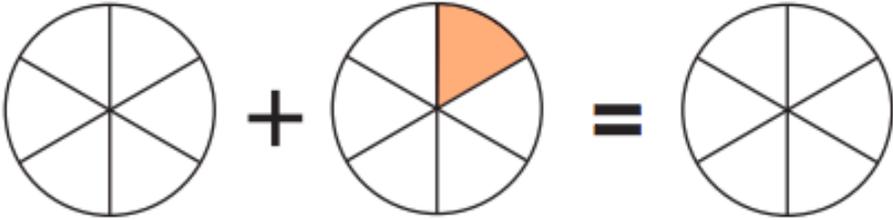
a.  $3\,274 - 2\,382 =$

b.  $2\,355 + 3\,445 =$

**Question 6:**

(5 marks)

Model the combinations by shading the fraction tiles.

b. Bader ate $\frac{3}{6}$ of a dark chocolate cookie and $\frac{1}{6}$ of a white chocolate cookie. What fraction did he eat altogether?	
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**Question 7:****(10 marks)**

Say whether each of the menu orders is affordable given the amount available to spend.  
The first row has been completed for you.

MENU	
Chicken & Eggplant combo	41 AED 75 fils
Pasta Primavera	38 AED 50 fils
Lobster & Crab Ravioli	53 AED 75 fils
Chicken Royale	49 AED 50 fils
Rigatoni Bolognese	43 AED 25 fils
Shrimp Marinara	50 AED 25 fils
Chicken Margherita	45 AED 75 fils

	I have:	Food order	My calculation	Afford?	Justify
	227 AED 25 fils	Chicken & Eggplant combo Chicken Royale Lobster & Crab Ravioli Rigatoni Bolognese Pasta Primavera	Total = 41 AED 75 fils + 49 AED 50 fils + 53 AED 75 fils + 43 AED 25 fils + 38 AED 50 fils = 226 AED 75 fils	Yes	I have enough money.
a.	78 AED 75 fils	Shrimp Marinara Chicken Margherita	50AED 25 fils + 45 AED 75 fils=95 AED 95 fils	No	1)
b.	200 AED 25 fils	2 Chicken Margherita 2 Rigatoni Bolognese 1 Shrimp Marinara	2)	No	No I don't have enough money
c	135 AED 25 Fils	Rigatoni Bolognese Pasta Primavera Chicken Royale	3)	4)	5)

**Question 8:**

(5 marks)

Muna had an apple. She divided it in  $\frac{1}{4}$ 's. How many pieces are there?

1   $\frac{1}{4} =$

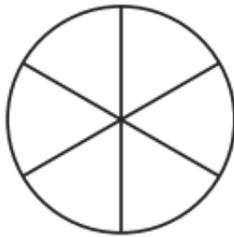


(Use the apple to show your answer)

**Question 9:**

(3 marks)

a. Shade in  $\frac{6}{6}$  of the shape.



b. What is  $\frac{8}{8}$  equal to?  
(tick 1)

$\frac{1}{4}$	<input type="checkbox"/>
$\frac{1}{3}$	<input type="checkbox"/>
$\frac{1}{4}$	<input type="checkbox"/>
1	<input type="checkbox"/>

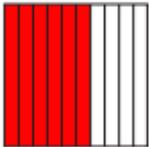
c. Shade in 1 whole.



**Question 10:**

(3 marks)

Write the correct symbol in each box to make the statement true (< or >).

<p>a.</p>  <input data-bbox="378 1444 451 1528" type="text"/> 	<p>b.</p>  <input data-bbox="805 1444 878 1528" type="text"/> 	<p>c.</p>  <input data-bbox="1198 1444 1271 1528" type="text"/> 
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**Question 11:**

(5 marks)

Model the combinations.

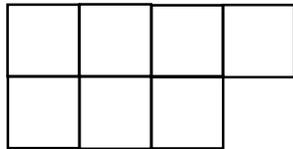
a.

$\frac{2}{5} +$        $\frac{1}{5} =$      

**Question 12:**

(5 marks)

Count the squares to find the area of the shape?

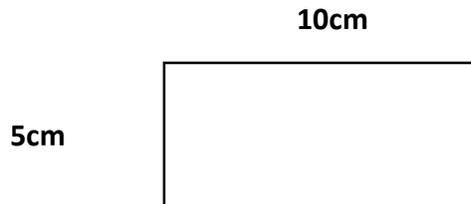


Area:

**Question 13:**

(5 marks)

The length of the rectangle is 10cm and the width is 5 cm. What is the perimeter?

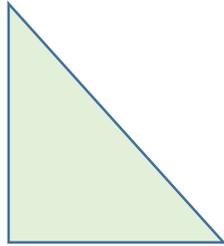


Perimeter:

**Question 14:**

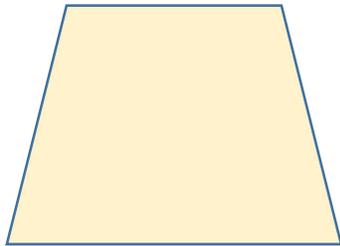
**(6 marks)**

a) How many right angles does this shape have?



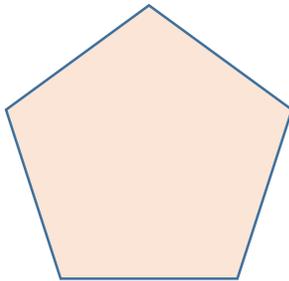
Answer:

b) How many acute angles does this shape have?



Answer:

c) How many obtuse angles does this shape have?



Answer:

**Question 15:**

(8 marks)

**Draw the shape in the correct part of the Carroll Diagram**



<b>1) <u>At least one obtuse angle</u></b>	<b>2) <u>At least one right angle</u></b>
<b>3) <u>At least one acute angle</u></b>	<b>4) <u>At least one set of parallel sides</u></b>

**Question 16:**

(8 marks)

**Which unit of measurement would I use for measuring the following:**

**(cm, m, km, mm)**

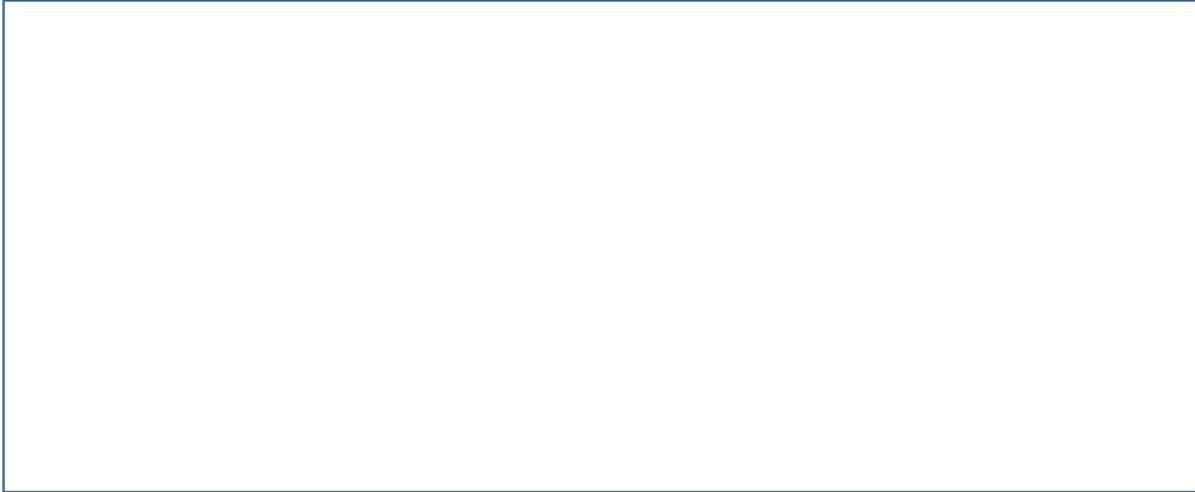
<b>Object</b>	<b>Unit</b>
a) Height of a giraffe	
b) Distance between two cities	
c) Length of a ladybird	
d) Width of a book	

**CONSTRUCT QUESTIONS (20% - 4 Questions = 20 marks)**

**Question 17:**

**(5 marks)**

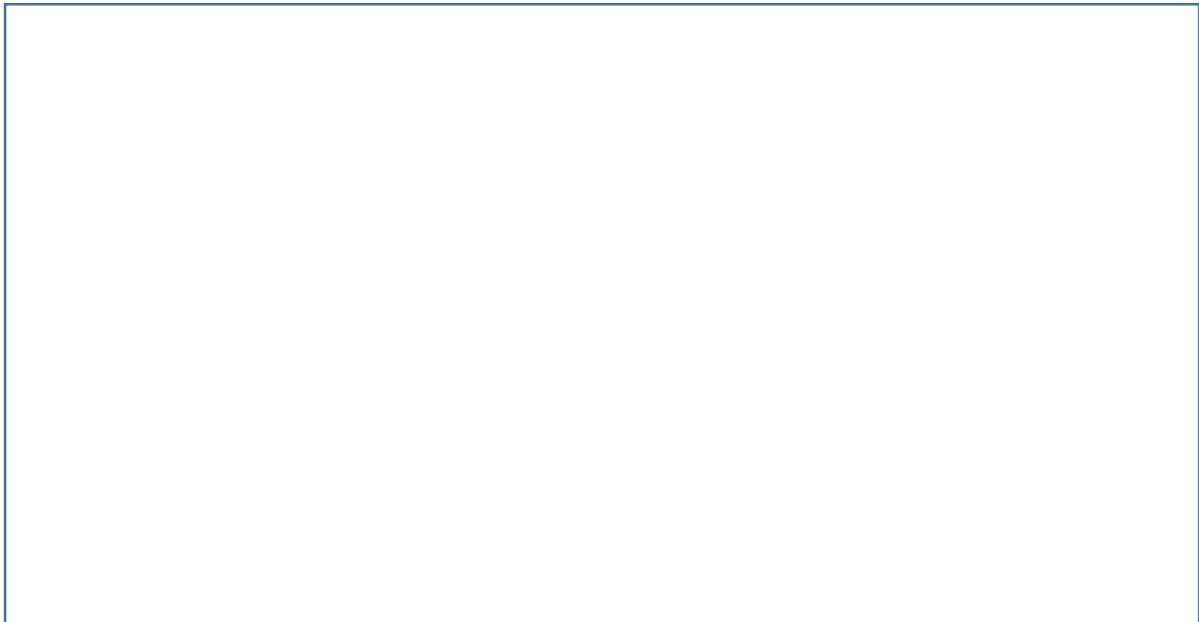
**There were 234 people at the soccer game. 89 people left at half time. How many people stayed at the game? Show your work?**



**Question 18:**

**(6 marks)**

**Ahmed ate  $\frac{2}{6}$  of the pizza. Hamad ate  $\frac{3}{6}$  of the pizza. What fraction of the pizza did they eat altogether?**



**Question 19:**

(5 marks)

Calculate the duration of the event and complete the table.

Task	Seconds	Minutes	Hours	Days	Justify
A writing competition begins at 4:00 pm. on Tuesday and ends at 7:00 pm. on Tuesday. What is the duration of the competition?	a)	b)	c)	d)	e)

**Question 20:**

(4 marks)

a)  $61\,508 + 1000 =$  \_\_\_\_\_

b)  $323\,455 - 10000 =$  \_\_\_\_\_

c) Write the name of the underlined digit using place value:

<b>Example:</b>	456	Hundreds
1)	3 14 <u>6</u>	
2)	<u>4</u> 3 877	