

Practice Test
U11&12 – Multiplication, Division & Data Handling



Question 1 (3 points) – Complete the multiplication problems below.

a)

	5	2	x
		6	

b)

	4	3	6	x
			7	

c)

		4	5	x
		8	6	

Question 2 (3 points) – Solve the word problems below.

a) Chuck Cedar got $36 from each of his 8 friends. How much did he get in total?
$ _____

b) Preston Blake lived in an apartment building with 26 floors. Each floor had 42 windows. How many windows was there in the entire building? _____ windows

c) Nurse Pam Dawson had 35 patients each day for 21 days. How many patients did she see in total? _____ patients



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Question 3 (4 points) – Estimate and solve the equations below. (Note: Estimate by rounding each number to the nearest 10 or 100)

a) 31 x 19 Estimate: _____ Answer: _____

b) 202 x 39 Estimate: _____ Answer: _____

Question 4 (2 points) – Use the Grid (Partitioning) Method to solve the following equation

65 x 29

x	60	5
20		
9		

Answer:

Question 5 (2 points) – Complete the missing digits to make the equation correct

				x
	1	9		
		2	3	
	5	8	2	
		8		
4		6	2	

Question 6 (2 points) – Use the column method to solve these division equations

a) 48 ÷ 4 = _____

4)	4	8

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b) 368 ÷ 5 = ☐ remainder = ☐

5)	3	6	8



Question 7 (3 points) – Solve the division word problems below

a) Ken had 84 pieces of candy and shared them equally between his 4 friends. How many did each friend get? ☐ pieces

b) Lily needed 574 party hats for her birthday party. Each packet contained 7 hats. How many packets did she need? ☐ packets

c) Grade 4 went on a school trip. There were 243 students in Grade 4 and they went by car. Each car could take 4 students. How many cars were needed? (Note: Full cars do not give a remainder. ☐ cars

Question 8 (6 points) – Use rules of divisibility to tick numbers divisible by the first number.

a) Divisible by 5

24	36	865	3200

b) Divisible by 4

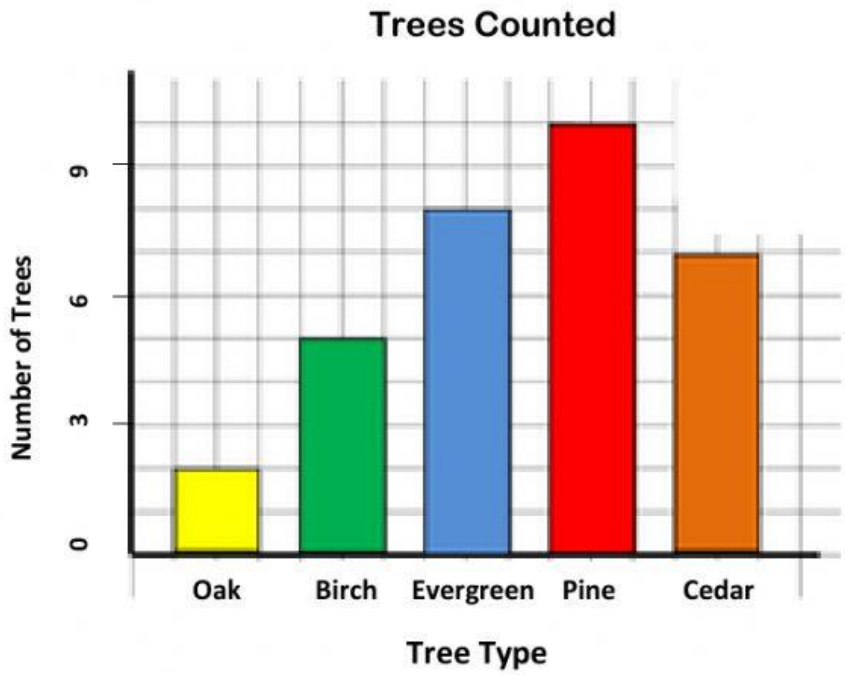
24	354	144	280

c) Divisible by 3

33	603	321	568

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Question 9 (6 points) – Answer the questions using the charts below



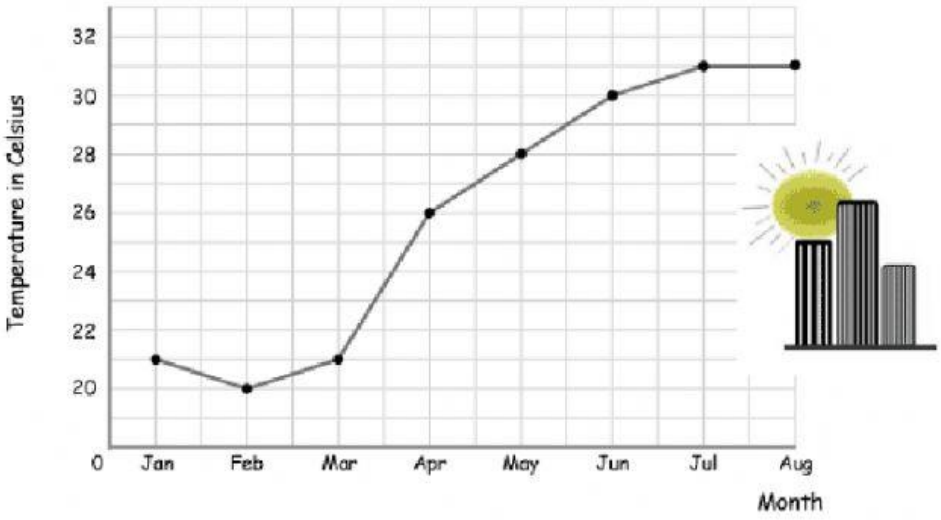
1. How many Birch trees did he see? _____
2. Which tree did he see the least of? _____
3. Which tree did they count 7 of? _____
4. How many Cedar and Pine trees did he count altogether? _____
5. What was the second most counted tree? _____
6. How many trees did he count altogether? _____

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Question 10 (5 points) – Answer the questions using the charts below

Temperatures in Hong Kong

The following line graph shows the temperatures in Hong Kong from January to August of this year. Use the data to answer the questions.



1) Which months had the highest temperatures?

2) Which month had the lowest temperature?

3) What was the difference in temperature between April and January?

4) What was the difference in temperature between July and February?

5) How many months had a temperature higher than 26 degrees Celsius?

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