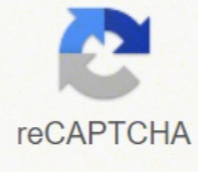




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Name: \_\_\_\_\_  
Date: \_\_\_\_\_

Subject: English  
Sheet: Reading comprehension

**Animal Group - Birds**

Birds are warm-blooded **vertebrates** which means they have a backbone. They have feathers, wings and a beak. Birds use their feathers for flying and to stay warm or cool. They have hollow bones filled with air and strong muscles for flying.



Most birds can fly but not all of them. Ostriches, emus and penguins cannot fly. Not all animals that fly are birds. Bats and flying insects can fly but they are not birds.

Birds lay eggs which hatch after some time. They build nests to lay their eggs in trees, on cliffs or on the ground. Ostriches lay the largest eggs.

There are many different types of birds. Some are very small like the bee hummingbird and others are very large like the ostrich. Most birds eat insects (insectivores) but some eat meat (carnivores), like the eagle and the owl. Toucans eat fruit, they are called fructivores.

**Questions:**

1. Write down **three** things that birds have which humans do not.

\_\_\_\_\_

2. Name **two** birds that cannot fly.

\_\_\_\_\_

3. Which bird lays the largest eggs?

- a. Penguin
- b. Ostrich

4. What do we call a group of animals that only eat insects?

- a. Insectivores
- b. carnivores

5. Name **two** birds that eat meat.

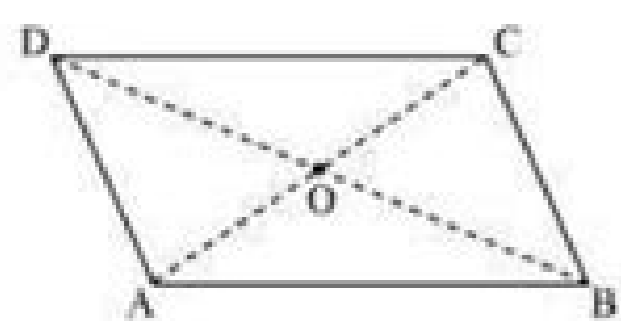
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Exercise 3.3

Question 1:

Given a parallelogram ABCD. Complete each statement along with the definition & property used.



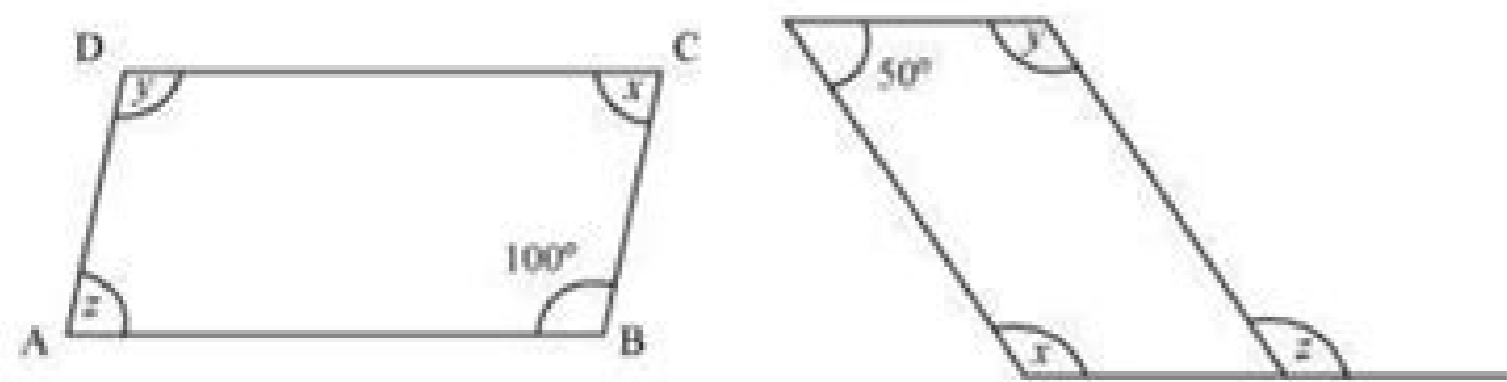
- (i)  $AD = \dots$
- (ii)  $\angle DCB = \dots$
- (iii)  $OC = \dots$
- (iv)  $m\angle DAB + m\angle CDA = \dots$

Answer:

- (i) In a parallelogram, opposite sides are equal in length.  
 $AD = BC$
- (ii) In a parallelogram, opposite angles are equal in measure.  
 $\angle DCB = \angle DAB$
- (iii) In a parallelogram, diagonals bisect each other.  
Hence,  $OC = OA$
- (iv) In a parallelogram, adjacent angles are supplementary to each other.  
Hence,  $m\angle DAB + m\angle CDA = 180^\circ$

Question 2:

Consider the following parallelograms. Find the values of the unknowns  $x, y, z$ .



Question 6:

Simplify:

- (i)  $2 \times 10^3$  (ii)  $7^2 \times 2^2$
- (iii)  $2^3 \times 5$  (iv)  $3 \times 4^4$
- (v)  $0 \times 10^2$  (vi)  $5^2 \times 3^3$
- (vii)  $2^4 \times 3^2$  (viii)  $3^2 \times 10^4$

Answer:

- (i)  $2 \times 10^3 = 2 \times 10 \times 10 \times 10 = 2 \times 1000 = 2000$
- (ii)  $7^2 \times 2^2 = 7 \times 7 \times 2 \times 2 = 49 \times 4 = 196$
- (iii)  $2^3 \times 5 = 2 \times 2 \times 2 \times 5 = 8 \times 5 = 40$
- (iv)  $3 \times 4^4 = 3 \times 4 \times 4 \times 4 \times 4 = 3 \times 256 = 768$
- (v)  $0 \times 10^2 = 0 \times 10 \times 10 = 0$
- (vi)  $5^2 \times 3^3 = 5 \times 5 \times 3 \times 3 \times 3 = 25 \times 27 = 675$
- (vii)  $2^4 \times 3^2 = 2 \times 2 \times 2 \times 2 \times 3 \times 3 = 16 \times 9 = 144$
- (viii)  $3^2 \times 10^4 = 3 \times 3 \times 10 \times 10 \times 10 \times 10 = 9 \times 10000 = 90000$

Question 7:

Simplify:

- (i)  $(-4)^3$  (ii)  $(-3) \times (-2)^3$
- (iii)  $(-3)^2 \times (-5)^2$  (iv)  $(-2)^3 \times (-10)^3$

Answer:

- (i)  $(-4)^3 = (-4) \times (-4) \times (-4) = -64$
- (ii)  $(-3) \times (-2)^3 = (-3) \times (-2) \times (-2) \times (-2) = 24$
- (iii)  $(-3)^2 \times (-5)^2 = (-3) \times (-3) \times (-5) \times (-5) = 9 \times 25 = 225$
- (iv)  $(-2)^3 \times (-10)^3 = (-2) \times (-2) \times (-2) \times (-10) \times (-10) \times (-10) = (-8) \times (-1000) = 8000$

Question 8:

Compare the following numbers:

- (i)  $2.7 \times 10^{12}$ ;  $1.5 \times 10^8$
- (ii)  $4 \times 10^{14}$ ;  $3 \times 10^{17}$

Answer:

- (i)  $2.7 \times 10^{12}$ ;  $1.5 \times 10^8$   
 $2.7 \times 10^{12} > 1.5 \times 10^8$
- (ii)  $4 \times 10^{14}$ ;  $3 \times 10^{17}$

$$\text{Answer: Marked Price} = \frac{100}{100 - \text{Discount}} \times \text{Final Price}$$

$$= \frac{100}{100 - 20} \times 1600$$
$$= \frac{100}{80} \times 1600 = 2000$$

**Alternate Method:**

∴ When final price is 80, then marked price is 100

∴ When final price is 1, then marked price is  $\frac{100}{80}$

∴ When final price is 1600, then marked price is  $= \frac{100}{80} \times 1600 = 2000$

# Comparing quantities

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3. The chalk contains calcium, carbon and oxygen in proportion 10: 3: 12. A school equipment gained 6 games this year against 4 games earned the past year. (b) Under the project 'School Chale Hum' How many children admitted at school? Find the number of voters who had notesity. Are you preparing for exams? Study without internet (offline) Reserve your free demonstration session Share this with your worksheets of the amount of amount of fivise quantities Quantities in PDF format, CBSE class 7 Mental Mathematics In comparison with quantities The leaf Work has been prepared according to the last curriculum and examination pattern issued by CBSE, Incert and KVS. (a) 1 years (b) 2 years (c) 1 years (d) 1 years 19. (a) 8% (b) 4% (c) 6% (d) 16% 17. There are 25 radios, 16 of them are out of order. Calculate the simple interest in a sum of ₹., 900 for 5 years in the proportion of 6% per year. How much will an article cost if a 10% discount is given on the price marked ₹., ₹ 100 (a) 90 (b) 110 (c) 95 (d) 85 10. to select A The participants who will be presented in Parkisha PE Charch program ... Ā, all schools affiliated with CBSE can celebrate on January 12, 2022 as ... Scientific and technological developments contribute to progress and help improve our stay Life Nares. This decision was taken due to the uncertainty that arises from the Covid pandemic 19. Grade 7 mathematics comparing quantities Type of answer Short Questions 1. (a) 75% (b) 64% (c) 60% (d) None of these 6. There are 120 children live in the block of parapti Ā Ā, → →. This test document with questions and solutions for standard comparison amounts 7 will be very useful for tests and exams and will help you score MARKSCLASS 7 quantities of comparison of the PDF worksheet Click to obtain more quantities of comparison material Science is inexplicably linked to our lives and helps us understand the world that surrounds us better. Of the 15,000 voters in a constituency, 60% voted. These worksheets for grade 7 quantity comparison mathematics cover all all all Topics that can come in their 7 tests and examinations. Free printable worksheets for CBSE Class 7- ě mathematics comparing quantities, homework and class, and practical test documents have been designed by our highly experienced class 7 faculty. (a) 2: 1 (b) 1: 2 (c) 4: 5 (d) None of these 4. Students can click on the links below and download all PDF worksheets for mathematics Comparing class 7 quantities. (A) In 2014, how many children did not go to school? From India Vig D.O No. 12-4 / 2021-IS.4 dated 04.01.2022 intimated that on January 12, 2022, it will be held as a "national day of Youth" and "birth anniversary of Swami Vivekananda". 12 2. Find the proportion of 3 km to 300 m. (A) Ā ě, Ā Ā 108 (b) Ā ě, \* 450 (c) Ā ě, Ā Ā 160 (d) none of these 13. 2. A distributor bought a washing by Ā ě, Ā Ā 7660 . How many children did not like to play football? (a) 75% (b) 50% (c) 60% (d) none of these 9. In percent percent by year, it is simple internation is stirred in 16 years? 200g A 4 kg: ... .. 7 of the PDF class Download here we have the most large database of free CBSErt KvsĀ ě Worksheets for mathematics of the 7Ā ě class comparing quantities. The 5th edition of PARISKHAS PE CHRCHA, the only unique interactive program of the Prime Mmister of Hon 'BLE with students who teach and parents will be held through virtual mode in February 2022. 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