

Answers

Theme 6: How Was Our Country Made? Lesson-9: Decimals

Main Coursebook

Kinaesthetic

Accept all relevant responses.

Auditory

- Rohan
- numerator - 7, 5
denominator -8

Pictorial

- 100
- Red: 15, Yellow: 20
Green: 30, Black : 3
- 10
- $\frac{10}{100}$

Interacting better

Accept all the relevant responses.

- a. 9; 0.9 b. 1; 0.1 c. 5; 0.5
- a. $\frac{8}{100}$ b. $\frac{8923}{100}$
c. $\frac{2164}{10}$ d. $\frac{56307}{100}$
- a. 602.2 b. 2006.84 c. 376.020
-

Decimal Number	Hundreds	Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths
19.4		1	9	.	4		
206.09	2	0	6	.	0	9	
522.7	5	2	2	.	7		
4.003			4	.	0	0	3
30.528		3	0	.	5	2	8
2.56			2	.	5	6	

- a. 03.4 b. 6.85 c. 81.209

Understanding better (page 101)

- no
- $\frac{1}{1000}$
- 0.1
- a. 0.4 b. 0.02 c. 0.57
d. 0.001 e. 0.407
- a. $\frac{29}{10}$ b. $\frac{709}{100}$ c. $\frac{8005}{1000}$

- $\frac{146}{10}$
- $\frac{2949}{100}$
- $\frac{5417}{100}$

Understanding better (page 102)

- Two hundred fifty-one point three-eight
- tenth
- 0.09

Solving better

- a. → v b. → iv c. → ii d. → i e. → iii
- a. 0.056 b. 9.34 c. 108.5 d. 7.0

Learning better

1. c 2. a 3. d 4. b 5. b
1. false 2. false 3. true 4. false 5. true
1. Nine and seven hundredths
2. Twenty and five-tenths
3. Zero and thirty-six thousandths
4. Seventy-eight and twenty-three hundredths
5. Four hundred sixty-five and eight hundred twelve thousandths
1. 0.9 2. 0.34 3. 1.7
E. 1. 0.4 2. 0.25 3. 0.032
4. 5.25 5. 986.4
1. $\frac{36}{10}$ 2. $\frac{58}{10}$ 3. $\frac{109}{100}$ 4. $\frac{72}{10}$
5. $\frac{8}{1000}$ 6. $\frac{23}{10}$ 7. $\frac{602}{100}$ 8. $\frac{9005}{1000}$
1. 14.1 2. 0.26 3. 84.307 4. 902.305

Thinking better

Accept all relevant responses.

Choosing better

- Tell them to use a bin.

Students' Worksheets

Worksheet 1

1. decimal 2. one hundredth
3. tenth 4. 18.5 5. 23.98
1. false 2. false 3. true 4. false 5. true
1. hundredths 2. $\frac{5}{10}$
3. thousandths 4. 8
5. tenths

Worksheet 2

1. decimal number 2. tenths
3. thirty-five thousandths
4. 0.1 5. $\frac{85}{100}$

- B. 1. false 2. true 3. false 4. false 5. true
c.

		Whole part	Decimal part
1.	63.2	63	2
2.	94.05	94	05
3.	349.2	349	2
4.	45.08	45	08
5.	500.089	500	089

Worksheet 3

- A. 1. tenths 2. hundreds
3. hundredths 4. tens
5. Five hundred forty-nine and three hundredths
- B. 1. c 2. b 3. d 4. c 5. a
- C. 1. 0.068 2. 540.3 3. 93.1
4. 0.45 5. 0.432 6. 0.567

Book of Holistic Teaching

Developing better

A. English

1. She bought a beautiful dress for ₹955.50.
2. He spent ₹188.50 on an interesting book.

B. Science

The national animal of India is the **tiger**, commonly found in forests and national parks like **Jim Corbett**.

C. Social studies

Delhi has a semi-arid climate, more vegetation and better water resources than the Thar Desert, which has an arid climate, sparse vegetation and limited water sources.

Book of Project Ideas

Making better

Accept all relevant responses.

Answers

Theme 6: How Was Our Country Made? Lesson-10: Decimals

Main Coursebook

Kinaesthetic

Accept all relevant responses.

Auditory

Cylinder

Pictorial

1. Cylinder; 3; 2; 0
2. Cube; 6; 8; 4
3. Cone; 2; 1; 0
4. Sphere; 1; 0; 0

Interacting better

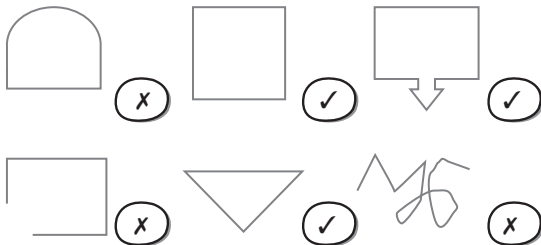
Accept all the relevant responses.

1. a. A, O, B, C, D b. OA, OB
c. BD d. DE, OC, OA

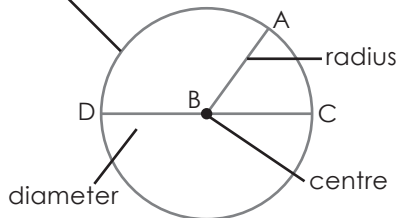
Understanding better (page 108)

1. no 2. no 3. yes
2. Accept all relevant responses.
3. Accept all relevant responses.
4. a. O b. C c. C d. C e. O
f. C g. O h. C i. C

5.



6. Accept all relevant responses.
7. circumference



8. Accept all the relevant responses.
9. a. circumference b. diameter
c. diameter

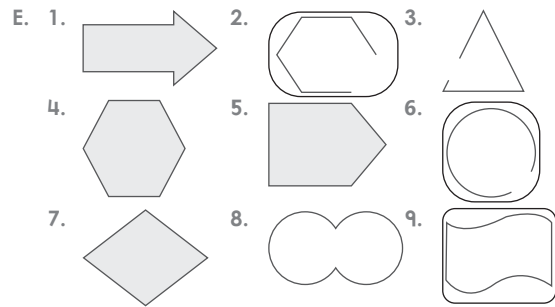
Solving better

- a. Triangle b. Quadrilateral c. Octagon

Learning better

- A. 1. d 2. b 3. d 4. d 5. a
- B. 1 → c 2 → a 3 → e 4 → b 5 → d
- C. Accept all the relevant responses.

D. Accept all the relevant responses.



F. Accept all relevant responses.

- G. 1. Centre: L
Radius: OL, LN, LM
Diameter: MN
2. Centre: O
Radius: OE, OD
Diameter: DE
3. Centre: Q
Radius: PQ, QR
Diameter: PR

Thinking better

5; 3

Choosing better

- Introduce yourself and show them around.

Students' Worksheets

Worksheet 1

- A. 1. point 2. line segment 3. circle
4. hexagon 5. circumference
- B.

Solid shapes	Faces	Edges	Corners
a. Cone	2	1	1
b. Cube	6	12	8
c. Cuboid	6	12	8
d. Cylinder	3	2	0
e. Sphere	1	0	0

- C. 1. Line XY 2. Point P 3. Ray OD
4. Line AB 5. Ray RS 6. Line PQ

Worksheet 2

- A. 1. ray 2. radii 3. quadrilateral
4. edge 5. closed
- B. Accept all relevant responses.

- C. 1. Sphere or Cone 2. Pentagon
3. Circle 4. Cube or Cuboid
5. Open curve

Worksheet 3

- A. 1. true 2. true 3. false 4. false 5. true
B. 1. Ray 2. Ray
3. Line segment 4. Line segment 5. Ray
C. 1. O 2. C 3. O 4. C 5. O

Book of Holistic Teaching

Developing better

A. English

Immeasurable

B. Science

To stay safe, Ryan should **wear proper gear** and **warm up** before playing football.

C. Social studies

Festivals celebrated in Arunachal Pradesh include **Losar, Baisakhi, Mopin, Solung** and **Nyokum**.

Book of Project Ideas

Making better

Accept all relevant responses.