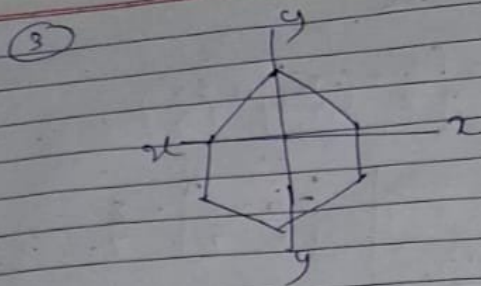


CASE:
Arti
Diffe
exac
line

- 1) Choose the correct
1) A rectangle has
a) 1
2) Form the given

ANSWER THE FOLLOWING:
1) Solve: $x(y+z)$ for the following values:
 $x = \frac{4}{11}$, $y = -\frac{3}{15}$, $z = \frac{2}{15}$
2) Simplify and express
3) A coin is tossed
Find

a) Rs 10
b) Rs 30
c) Rs 30
d) Rs 40



4) 36 out of 36

a) $\frac{36}{36} = \frac{1}{1}$

b) $\frac{36}{36} = \frac{1}{1}$

5) $\frac{4^3}{4^2} \times \frac{a^5}{a^3} \times \frac{b^5}{b^2}$

$4^{3-2} \times a^{5-3} \times b^{5-2}$

$4^1 \times a^2 \times b^3$

Science
Education Prizes

1)

a) $\frac{11}{20}$

b) $\frac{8+x}{9} = \frac{x+8}{5}$

c) 512

d) $\frac{1}{3}$

e) prime numbers

f) $(0, -1)$

g) first

h) $(m)^m$

i) rational.

2)

a)

b)

c)

d) 0

e) 36

$9x + (y+2) = (x+y) + 2$

$-\frac{6}{8} + (-\frac{2}{7} + (-\frac{8}{7})) = [-\frac{6}{8} + (-\frac{2}{7})] + (-\frac{8}{7})$

$= -\frac{6}{8} + (-\frac{10}{7})$

$= \frac{6}{8} - \frac{6}{8} + -\frac{10}{7}$

$-\frac{6 \times 1 + (-10) \times 8}{56}$

$= -\frac{42 - 80}{56}$

$= -\frac{122}{56}$

$= -\frac{122}{56}$

$[-\frac{6}{8} - \frac{2}{7}] - \frac{8}{7}$

$-\frac{42 - 16}{56} - \frac{8}{7}$

$-\frac{58 \times 1 - 8 \times 8}{56 \times 7}$

$-\frac{58 - 64}{56}$

$-\frac{122}{56}$

3) $(2 \times 3)^{-3} = 2^{-3} \times 3^{-3}$

$2^{-3} \times 3^{-3}$

$\frac{1}{2^3} \times \frac{1}{3^3}$

$= 2^{-3} \times 3^{-3}$

$= \frac{1}{216}$

Unit 2
Unit 1
Conservation