

Homework
Exercise 9A

27/9/21
5. ~~$[18 - (15 \div 5) + 6]$~~

~~$= [18 - 3 + 6]$~~

~~$= [18 - 9]$~~

~~$= 9$~~

5. $[18 - (15 \div 5) + 6]$

$= [18 - 3 + 6]$

$= [18 + 3]$

$= 21$

6. $[(4 \times 2) - (4 \div 2)] + 8$

$= [(4 \times 2) - 2] + 8$

$= [8 - 2] + 8$

$= 6 + 8 = 14$

Exercise 9 (c)

5. Find which of the following numbers are divisible by 9:

i) 1332

$1 + 3 + 3 + 2 = 9$

As, 9 is divisibly by 9, 1332 is also divisible by 9.

ii) ~~5247~~ 53247

$5 + 3 + 2 + 4 + 7 = 21$

53247 is not divisible by 9.

iii) 4968

$4 + 9 + 6 + 8 = 27$

4968 is divisibly by 9.

iv) 200314
 $2+0+0+3+1+4 = 10$
200314 is not divisible by 9.

6. i) 324
324 is divisible by 2.
 $3+2+4 = 9$
324 is also divisible by 3
 \therefore 324 is divisible by 6.

ii) 2010
2010 is divisible by 2
 $2+0+1+0 = 3$
2010 is also divisible by 3
 \therefore 2010 is divisible by 6.

iii) 33278
33278 is divisible by 2
 $3+3+2+7+8 = 23$
33278 is not divisible by 3
 \therefore 33278 is not divisible by 6.

iv) 15505
15505 is not divisible by 2.
 \therefore 15505 is not divisible by 6.