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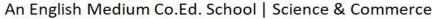
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Subject: Maths   Class:8   Topic: Ch.7 Factorisation

EXERCISE 7.6

Use **Cordova Smart Class Software** on the **smart board** in class to do Exercise.

Divide :

1. $36x^3y^2$ by $4xy$
2. $24xy^2z^2$ by $-6xy^2z$
3. $-81x^3y^2z$ by $-9x^2y$
4. $63x^4yz^2$ by x^2yz
5. $42m^4n^4p^3$ by $7m^2np^2$
6. $8x^5y^3z$ by $2x^3y$
7. $10x^4y^3z^2$ by $-5x^2y^2z$
8. $72ab^2c^2$ by $8bc^2$
9. $21x^2y^3z^2$ by $7xyz$
10. $12x^2y^3z$ by $4x^2yz$
11. $32m^3n^3p^2$ by $8m^2n^2p$
12. $25x^3y^2z^5$ by $5xyz^3$

EXERCISE 7.7

Use **Cordova Smart Class Software** on the **smart board** in class to do Exercise.

Divide :

1. $14a^4 - 7a^3 + 14a^2$ by $7a^2$
2. $24a^3b^3 + 16a^2b - 12ab^2$ by $4ab$
3. $3x^2y^2z^2 - 15x^2yz^2 + 6x^2y^3z$ by $3x^2yz$
4. $ab^4c^3 - 3a^3b^2c - 6ab$ by $3ab$
5. $-x^4 + 2x^3 + 4x^2 + 6x$ by $2x$
6. $\sqrt{2}a^3 + 3\sqrt{2}a^2 + 6a$ by $2a$
7. $x^3 - 3x^2 + \dfrac{3}{2}x$ by $3x$
8. $8x^3 + 6x^2 + 4x$ by $4x$
9. $3y^5 - 6y^4 + 6y^3 + 12y^2$ by $3y^2$
10. $6x^3 + 4x^2$ by x^2