

Name : _____

Factors: Monomials

Sheet 3

Part - A (Multiple response)

- 1) Which of the following are the factors of $4pq^5$?
a) $2pq$ b) $4q^4$ c) $3pq$ d) p^3 e) pq^4
- 2) Which of the following are the factors of $5a^2bc^3$?
a) ab b) $5a^2b$ c) a^4 d) a^2c^2 e) b^3
- 3) Which of the following are the factors of $8m^5n^3$?
a) mn^3 b) $4m^3n$ c) $3m$ d) $2n^2$ e) m^5
- 4) Which of the following are the factors of $12x^3y^6$?
a) xy^7 b) $7x$ c) y^9 d) $3x^2y^2$ e) x
- 5) Which of the following are the factors of $6uv^8$?
a) uv b) $2v^6$ c) $3uv^8$ d) $4u$ e) v^6

Part - B

- 1) Write all the possible factors of $10st$.

- 2) Write all the possible factors of $25q^3$.

Factors: Monomials**Part - A** (Multiple response)1) Which of the following are the factors of $4pq^5$?~~a)~~ $2pq$ ~~b)~~ $4q^4$ c) $3pq$ d) p^3 ~~e)~~ pq^4 2) Which of the following are the factors of $5a^2bc^3$?~~a)~~ ab ~~b)~~ $5a^2b$ c) a^4 ~~d)~~ a^2c^2 e) b^3 3) Which of the following are the factors of $8m^5n^3$?~~a)~~ mn^3 ~~b)~~ $4m^3n$ c) $3m$ ~~d)~~ $2n^2$ ~~e)~~ m^5 4) Which of the following are the factors of $12x^3y^6$?a) xy^7 b) $7x$ c) y^9 ~~d)~~ $3x^2y^2$ ~~e)~~ x 5) Which of the following are the factors of $6uv^8$?~~a)~~ uv ~~b)~~ $2v^6$ ~~c)~~ $3uv^8$ d) $4u$ ~~e)~~ v^6 **Part - B**1) Write all the possible factors of $10st$.**1, 2, 5, 10, s, 2s, 5s, 10s, t, 2t, 5t, 10t, st, 2st, 5st, 10st**2) Write all the possible factors of $25q^3$.**1, 5, 25, q, 5q, 25q, q^2 , $5q^2$, $25q^2$, q^3 , $5q^3$, $25q^3$**