

NAME _____

FACTORS
REVIEW

1) NAME THE GREATEST COMMON FACTOR FOR THE
POLYNOMIAL $36x^4y - 20x^3b$

① _____

2) FACTOR $x^2 - 196$

② _____

3) FACTOR $6x^2 - 20x + 12$

③ _____

4) FACTOR $c^2 - 9c$

④ _____

5) FACTOR $164m^2 - 100$

⑤ _____

6) IF ONE FACTOR OF $x^2 + x - 42$ IS $x + 7$ THEN
THE OTHER FACTOR IS ?

⑥ _____

7) FACTOR $121 - x^2$

⑦ _____

8) FACTOR $x^2 - x - 30$

⑧ _____

9) FACTOR $3x^2 - 13x + 10$

⑨ _____

- 10) FACTOR $y^2 - 1.69$ ⑩ _____
- 11) FACTOR $a + abc$ ⑪ _____
- 12) WHEN THE EXPRESSIONS $x^2 - 25$ AND $x^2 + 4x - 5$ ARE FACTORED, A COMMON FACTOR IS? ⑫ _____
- 13) FACTOR $20x^4 - 50x^3 + 10x$ ⑬ _____
- 14) WHAT IS THE GREATEST COMMON FACTOR OF $36a^2b$ AND $20abc$? ⑭ _____
- 15) EXPRESS $x^2 - 3x - 28$ AS THE PRODUCT OF TWO BINOMIALS. ⑮ _____
- 16) FACTOR $18a^{24}b + 4x^5a^5b - 18a^3bc + 20xa^5b$ ⑯ _____
- 17) FACTOR $30xy + 25m^3$ ⑰ _____
- 18) Which polynomial cannot be factored
1) $x^2 - 36$ 2) $x^2 - .09$ 3) $x^2 + 9$ 4) $x^2 - 25y^2$ ⑱ _____
- 19) FACTOR COMPLETELY:
 $5x^2 - 4050$ ⑲ _____