

احسب و اكتب النتيجة في شكل عدد طبيعي أو كسر مبسط.

17  $8^{-3}$

13  $3^{-2}$

9  $3^{-4}$

5  $9^3$

1  $2^6$

18  $9^2$

14  $8^2$

10  $5^2$

6  $2^{-3}$

2  $3^{-3}$

19  $7^2$

15  $2^{-4}$

11  $4^{-3}$

7  $5^3$

3  $4^2$

20  $2^{-2}$

16  $2^5$

12  $6^2$

8  $6^{-3}$

4  $7^{-3}$

### اللول

11  $4^{-3} = \frac{1}{4^3} = \frac{1}{4 \times 4 \times 4} = \frac{1}{64}$

12  $6^2 = 6 \times 6 = 36$

13  $3^{-2} = \frac{1}{3^2} = \frac{1}{3 \times 3} = \frac{1}{9}$

14  $8^2 = 8 \times 8 = 64$

15  $2^{-4} = \frac{1}{2^4} = \frac{1}{2 \times 2 \times 2 \times 2} = \frac{1}{16}$

16  $2^5 = 2 \times 2 \times 2 \times 2 \times 2 = 32$

17  $8^{-3} = \frac{1}{8^3} = \frac{1}{8 \times 8 \times 8} = \frac{1}{512}$

18  $9^2 = 9 \times 9 = 81$

19  $7^2 = 7 \times 7 = 49$

20  $2^{-2} = \frac{1}{2^2} = \frac{1}{2 \times 2} = \frac{1}{4}$

1  $2^6 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 = 64$

2  $3^{-3} = \frac{1}{3^3} = \frac{1}{3 \times 3 \times 3} = \frac{1}{27}$

3  $4^2 = 4 \times 4 = 16$

4  $7^{-3} = \frac{1}{7^3} = \frac{1}{7 \times 7 \times 7} = \frac{1}{343}$

5  $9^3 = 9 \times 9 \times 9 = 729$

6  $2^{-3} = \frac{1}{2^3} = \frac{1}{2 \times 2 \times 2} = \frac{1}{8}$

7  $5^3 = 5 \times 5 \times 5 = 125$

8  $6^{-3} = \frac{1}{6^3} = \frac{1}{6 \times 6 \times 6} = \frac{1}{216}$

9  $3^{-4} = \frac{1}{3^4} = \frac{1}{3 \times 3 \times 3 \times 3} = \frac{1}{81}$

10  $5^2 = 5 \times 5 = 25$