

at Do You Call a Bunch of... #2

1. Sheep stuck in a sauna?

9 18 18 2 4 17 9 12 3 1 12 16 17

2. Wolves not feeling well?

3 11 17 6 8 15 11 13 3 8 15

3. Salmon jammed together in a river?

5 16 6 7 14 2 18 10



Write the expression in factored form, then find your answer in the answer column below. Each time the exercise number appears in the code, write the letter of the answer in the space above it. If the answer has a , leave the space blank.

1 $3n^2 - 21n + 30$

2 $n^3 + 8n^2 + 12n$

3 $5n^2 - 10n - 40$

4 $4n^3 + 8n^2 - 60n$

5 $2n^2 + 18$

6 $2n^2 - 18$

Answers 1-6

A $5(n+2)(n-4)$

N $2(n+3)^2$

I $2(n+3)(n-3)$

T $3(n-2)(n-5)$

K $n(n+3)(n+4)$

 $4n(n-3)(n+5)$

H $4n(n-3)(n-5)$

G $2(n^2+9)$

L $n(n+2)(n+6)$

P $3(n-1)(n-10)$

J $5(n-2)(n+4)$

7 $6y^2 + 21y + 18$

B $5y^3 + 2y^2 - 16y$

9 $24y^3 - 56y^2 - 80y$

10 $20y^3 + 45y$

11 $20y^3 - 45y$

12 $20y^3 - 60y^2 + 45y$

Answers 7-12

F $y(5y-4)(y+4)$

X $5y(4y^2+9)$

V $3(2y+1)(y+6)$

M $5y(2y+3)^2$

 $5y(2y+3)(2y-3)$

W $8y(3y-10)(y+1)$

D $3(2y+3)(y+2)$

Y $5y(4y-1)(y-9)$

E $5y(2y-3)^2$

R $8y(3y-5)(y+2)$

C $y(5y-8)(y+2)$

13 $7h^4 + 9h^3 + 2h^2$

14 $50h^4 - 32h^2$

15 $36h^3 - 60h^2 - 144h$

16 $30h^4 + 25h^3 - 5h^2$

17 $98h^5 - 2h$

18 $75h^4 + 60h^3 + 12h^2$

Answers 13-18

U $3h^2(5h+1)(h+4)$

R $5h^2(6h-1)(h+1)$

P $h^2(7h+2)(h+1)$

H $2h^2(5h-4)^2$

K $12h(3h+4)(h-3)$

O $3h^2(5h+2)^2$

B $5h^2(3h-1)(2h+1)$

 $2h^2(5h+4)(5h-4)$

F $h^2(7h+1)(h+2)$

S $2h(7h^2+1)(7h^2-1)$

N $12h(3h+2)(h-6)$