**ANSWERS**

**Can I multiply 3 numbers together efficiently?**

1. 3 x 2 x 4 = 24

2. 2 x 3 x 5 = 30

3. 3 x 2 x 3 = 18

3. 3 x 6 x 9 = 162

4. 2 x 3 x 8 = 48

5. 3 x 5 x 3 = 45

6. 4 x 4 x 3 = 48

7. 2 x 8 x 2 = 32

8. 7 x 3 x 3 = 63

9. 10 x 7 x 3 = 210

10. 2 x 8 x 4 = 64

11. 8 x 3 x 2 = 48

12. 2 x 6 x 5 = 60

**ANSWERS**

**Can I double one factor and halve the other to multiply efficiently?**

1. 4 x 14 =

8 x 7 = 56

1. 3 x 16 =

6 x 8 = 48

1. 16 x 5 =

8 x 10 = 80

1. 5 x 46 =

10 x 23 = 230

1. 4 x 22 =

8 x 11 = 88

1. 12 x 15 =

6 x 30 = 180

1. 18 x 6 =

9 x 12 = 108

1. 4 x 16 =

8 x 8 = 64

1. 35 x 20 =

70 x 10 = 700

1. 8 x 15 =

4 x 30 = 120

1. 120 x 5 =

60 x 10 = 600

1. 28 x 5 =

14 x 10 = 140