# Outcome 3 - Lowest Common Multiple

# Bronze example

# Examples... \*\*The Lowest Common Multiple is the What is SMALLEST number that appears in both lists!\*\* Common Multiple of 10 and 8? Multiples of 10... L.C.M. = 40 10, 20, 30, 40 50, ... Multiples of 8... 8, 16, 24, 32, 40, ...

#### Silver example

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Examples...

**The Lowest Common Multiple is the
What is SMALLEST number
that appears in both lists!**
Common Multiple of 60 and 40?
Multiples of 60...

60,120,180,240,300,...
Multiples of 40...
40,80,120,160,200,240,...
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# Gold example

Examples... \*\*The Lowest Common Multiple is the

What is SMALLEST number that appears in both lists!\*\*

Common Multiple of 35 and 30?

Multiples of 35... L.C.M. = 210

35,70,105,140,175 210...

Multiples of 30...

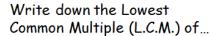
30,60,90,120,150,210...

#### **Bronze Questions**

Write down the Lowest Common Multiple (L.C.M.) of...

- 💄 8 and 6 🛮 🚄 9 and 3
- 🔒 10 and 3 🛮 👙 9 and 2
- 互 12 and 4 🛚 🚊 4 and 3
- 👱 7 and 6 🙎 8 and 4
- 🧕 5 and 3 🖊 11 and 7

# Silver Questions



- 💄 50 and 40 🙎 120 and 80
- 🚑 100 and 60 👙 90 and 30
- 互 120 and 50 🚊 80 and 30
- 70 and 40 8 80 and 20
- 🙎 50 and 20 🔟 110 and 80

#### Gold Questions

Write down the Lowest Common Multiple (L.C.M.) of...

- 1 46 and 36 2 45 and 20
- 🚑 32 and 20 👙 34 and 28
- 🙇 34 and 22 🙎 46 and 32
- 👱 40 and 36 🙎 50 and 22
- 🙎 42 and 32 🔟 49 and 35





# Bronze Answers

2. 1. 24 9 3. 30 4. 18 5. 12 6. 12 7. 42 8. 8 9. 15 10. 77

### Silver Answers

1. 200 2. 240 3. 300 4. 90 600 5. 6. 240 7. 280 8. 80 9. 100 10. 880

# Gold Answers

1. 828 2. 180 3. 4. 476 160 5. 374 736 6. 7. 360 8. 550 9. 672 10. 245