DANEMATHICS
FREE CAPS MATHS RESOURCES

GRADE 8 · WHOLE NUMBERS

HCF and LCM (Highest Common Factor & Lowest Common Multiple)

WORKSHEET

Name: ..... Class: .....

Date: .....

MARK ____ / 13

Answer all questions. Show all your working — marks are awarded for method as well as the final answer.

1 Find the HCF of 24 and 36. (2)

2 Find the LCM of 8 and 12. (2)

3 Find the HCF and LCM of 18 and 30. (3)

4 Two bells ring every 15 min and every 20 min. They ring together at 08:00. When do they next ring together? (3)

5 60 red and 48 blue beads are shared into identical packs (same reds per pack, same blues per pack) using as many packs as possible. How many packs? **(3)**

TOTAL: 13 marks

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