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| **Factors, Multiples and Primes Revision** |
| **(a)** | **(b)** | **(c)** |
| Write down a multiple of 7 that is between 20 and 30 | Write down all the factors of 28 | $$1, 2, 9, 14, 28, 52, 91$$From the numbers in the list above, write down:(a) A prime number(b) A factor of 14(c) A multiple of 13 |
| **(d)** | **(e)** | **(f)** | **(g)** |
| Express 650 as a product of its prime factors | Find the lowest common multiple (LCM) of 16 and 20 | Find the highest common factor (HCF) of 24 and 54 | Find the HCF and LCM of 60 and 96 |
| **(h)** | **(i)** | **(j)** |
| $$A=2^{3}×3^{2}×5$$$$B=2^{2}×5^{3}×11$$Find the HCF and LCM of A and B | Find the lowest common multiple (LCM) of 20, 45 and 120. | The highest common factor of $x$ and 45 is 15. The lowest common multiple of $x$ and 45 is 630. Find the value of $x$. |