

Number Revision Mat

Place Value

- 1) Write the number 4021 in words
- 2) Write the number 72 308 in words
- 3) What is the value of 4 in 642?
- 4) What is the value of 9 in 91 486?
- 5) Calculate $670 \div 100$
- 6) Calculate 2.73×10

BIDMAS

- 1) Calculate: $2 + 3 \times 5 - 4$
- 2) Paula says that $2 \times 3 - 2 \times 5 = -4$
Steve says the answer is 10.
Who is right, and why?
- 3) $10 - 3^2 =$
- 4) $(15 - 3 \times 2)^2 =$

Types of Numbers

- 1) List the first 5 multiples of 8.
- 2) List the first 5 multiples of 14
- 3) List all the factors of 32.
- 4) List all the factors of 48.
- 5) What is the 6th prime number?
- 6) Explain why 20 is not a square number.

HCF and LCM

- 1) Calculate the highest common factor of 32 and 48.
- 2) Calculate the lowest common multiple of 6 and 14.
- 3) Calculate the lowest common multiple of 12 and 15.
- 4) Calculate the highest common factor of 72 and 60.

Directed Numbers

- 1) Put these numbers in ascending order: 1, 3, -3, -5, -7
- 2) Put these numbers in ascending order: -8, -3, 9, -7, 4
- 3) $5 - 11 =$
- 4) $-6 + -3 =$
- 5) $-2 \times -3 =$
- 6) $-6 \times -7 =$
- 7) $5 \times -6 =$
- 8) $36 \div -9 =$
- 9) $-2 - 4 =$
- 10) $18 - 32 =$

Indices

- 1) $y^7 \times y^3$
- 2) $a^2 \times a^5 \times a^3$
- 3) $b^7 \div b^6$
- 4) $h^3 \div h^8$
- 5) $\frac{c^2 \times c^3}{c^4}$
- 6) g^0
- 7) $\frac{k^4}{k \times k^3}$

Rounding and estimating

- 1) Round 34 for the nearest 10.
- 2) Round 4932 to the nearest hundred.
- 3) Round 4.2 to the nearest whole number.
- 4) Round 32.685 to one decimal place.
- 5) Round 62 359 to one significant figure.
- 6) Round 0.07045 to two significant figures.
- 7) Estimate $\frac{72 \times 362}{0.49}$