Olex colour mapping

Number Day

Teacher instructions

1. Give your students the worksheet of 10 questions to work through independently or with a partner

2. Once they have completed the worksheet, provide the answer bank which is mapped to colours for the colouring sheet

3. Ask your students to map each question number to the colour from the correct answer bank.

4. With the worksheet completed and colours mapped, they now have the code for colouring in the colour-by-number Olex sheet.

5. If your students need help with any of the questions, they can head to schoolonline.co.uk/nspcc2024 to watch our award winning examiner-led videos for modelled solutions to each question.

NSPCC

SchoolOnline

Olex colour mapping

Number Day

Question worksheet

Tag us online:

#numberday

Q #	Question	Answer
1	Choose the improper fracton that is equivalent to $2\frac{3}{6}$	
2	$10 - 2\frac{1}{8}$	
3	$\frac{1}{8} \div 2 =$	
4	$\frac{7}{8}$ of 30	
5	$6.48 + 8.6 =$	
6	$26 - 2.012 =$	
7	$2.12 \div 10 =$	
8	$15\% \times 440 =$	
9	20% of $1,800 =$	
10	Some children were asked what was their favourite colour. Below are the results as percentages. Red 25% Blue 12% Orange ? Yellow ? Green 60% An equal number of children liked yellow and orange. A total of 200 children were asked. How many children liked blue?	

NSPCC

School Online

Olex colour mapping

Number Day

Answer bank and colour mapping

Answer	Colour	Question #?
31/4	Red	
21	Navy	
23.988	Yellow	
66	Light Brown	
24	Orange	
15.08	Black	
1/16	Teal	
0.212	Green	
360	Light Blue	
19/8	Dark Brown	

NSPCC

SchoolOnline

Olex colour mapping

Number Day

Question worksheet

Tag us online:

#numberday

Q #	Question	Answer	Colour
1	Choose the improper fracton that is equivalent to $2\,\frac{3}{6}$	19/8	Dark Brown
2	$10 - 2\,\frac{1}{8}$	31/4	Red
3	$\frac{1}{8} \div 2 =$	1/16	Teal
4	$\frac{7}{8}$ of 30	21	Navy
5	$6.48 + 8.6 =$	15.08	Black
6	$26 - 2.012 =$	23.988	Yellow
7	$2.12 \div 10 =$	0.212	Green
8	$15\% \times 440 =$	66	Light Brown
9	20% of $1,800 =$	360	Light Blue
10	Some children were asked what was their favourite colour. Below are the results as percentages. Red 25% Blue 12% Orange ? Yellow ? Green 60% An equal number of children liked yellow and orange. A total of 200 children were asked. How many children liked blue?	24	Orange

NSPCC

SchoolOnline