1.1 Composition of two maps

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1.2 Identity map

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1.3 Inclusion map

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1.4 Inverse map

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1.2 Identity map

1.3 Inclusion map

1.4 Inverse map

1.5 Injection

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1.2 Identity map

1.3 Inclusion map

1.4 Inverse map

1.5 Injection

1.6 Surjection

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1.6 Surjection

1.7 Bijection

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1.8 Submap of a map

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1.9. Monotonic function

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1.10 Restriction of a map

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2. Explain the meaning of the following formulas and how to read them:

1.7 Bijection

1.8 Submap of a map

1.9. Monotonic function

1.10 Restriction of a map

2. Explain the meaning of the following formulas and how to read them:

2.1 $\mathbb{Z}$

1.7 Bijection

1.8 Submap of a map

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1.10 Restriction of a map

2. Explain the meaning of the following formulas and how to read them:

2.1 $\mathbb{Z}$

2.2 $\mathbb{N}$

1.7 Bijection

1.8 Submap of a map

1.9. Monotonic function

1.10 Restriction of a map

2. Explain the meaning of the following formulas and how to read them:

2.1 $\mathbb{Z}$

2.2 $\mathbb{N}$

2.3 $\mathbb{Q}$

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2.4 $\mathbb{C}$

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2.5 $\operatorname{Im} f$

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1.1 Power set

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1.2 Characteristic function of a set

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1.3 Cartesian product of sets

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1.4 Cartesian product of maps

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1.1 Power set

1.2 Characteristic function of a set

1.3 Cartesian product of sets

1.4 Cartesian product of maps

1.5 Diagonal

1.6 Graph of a map

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1.7 Fibers of a direct product

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1.8 Ring of congruence classes modular m

1.6 Graph of a map

1.7 Fibers of a direct product

1.8 Ring of congruence classes modular m

1.9. The map inverse to $f : X \to Y$

1.6 Graph of a map

1.7 Fibers of a direct product

1.8 Ring of congruence classes modular m

1.9. The map inverse to $f : X \to Y$

1.10 Quotient set

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2. Explain the meaning of the following formulas and how to read them:

2.1 Y^X, where X and Y are sets

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2.5 $a \equiv b \mod m$

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2.6 $a|b$

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2.6 $a|b$

2.7 Γ_f, where f is a map $X \to Y$
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